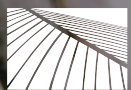


Response to Notice to Providers of Professional Services  
Fiscal Year 2024

# **Community Planning** **(Community and Economic Development, Community Engagement, Strategic Planning, Sustainability Systems)**

Submitted to:  
Research & Development  
County of Hawai'i

Submitted by:



**PBR HAWAII**  
& ASSOCIATES, INC.

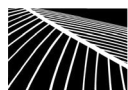
**June 2023**

Response to Notice to Providers of Professional Services  
Fiscal Year 2024

# **Community Planning (Community and Economic Development, Community Engagement, Strategic Planning, Sustainability Systems)**

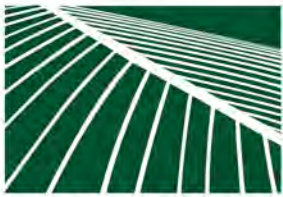
Submitted to:  
Research & Development  
County of Hawai'i

Submitted by:



**PBR HAWAII**  
& ASSOCIATES, INC.

**June 2023**



**PBR HAWAII**  
& ASSOCIATES, INC.

June 29, 2023

VIA EMAIL: [chresdev@hawaiicounty.gov](mailto:chresdev@hawaiicounty.gov)

R. STAN DUNCAN, ASLA  
*President / Chairman*

RUSSELL Y. J. CHUNG, FASLA  
*Executive Vice-President / Principal*

VINCENT SHIGEKUNI  
*Senior Vice-President / Principal*

GRANT T. MURAKAMI, AICP, LEED® AP BD+C  
*Senior Vice-President / Principal*

KIMI MIKAMI YUEN, LEED® AP BD+C  
*Vice-President / Principal*

CATIE CULLISON, AICP  
*Vice-President / Principal*

TOM SCHNELL, AICP  
*Principal*

RAYMOND T. HIGA, ASLA  
*Associate Principal*

MARC SHIMATSU, ASLA  
*Associate Principal*

DACHENG DONG, LEED® AP  
*Associate Principal*

NATHALIE RAZO  
*Associate Principal*

ANN MIKIKO BOUSLOG, PhD  
*Director of Land Economics & Real Estate*

RAMSAY R. M. TAUM  
*Cultural Sustainability Planner*

MICAH McMILLEN, ASLA, LEED® AP  
*Senior Associate*

ETSUYO KILA  
*Senior Associate*

GREG NAKAI  
*Senior Associate*

NICOLE SWANSON, ASLA  
*Associate*

BRADLEY FURUYA, AICP  
*Associate*

THOMAS S. WITTEN, FASLA  
*Chairman Emeritus*

W. FRANK BRANDT, FASLA  
*Founding Partner*

1001 Bishop Street, Suite 650  
Honolulu, Hawai'i 96813-3484  
Tel: (808) 521-5631  
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E-mail: [sysadmin@pbrhawaii.com](mailto:sysadmin@pbrhawaii.com)

Mr. Douglass Adams, Director  
Department of Research & Development  
County of Hawai'i  
25 Aupuni Street, Suite 1301  
Hilo, Hawai'i 96720

**SUBJECT: LETTER OF INTEREST FOR COMMUNITY PLANNING (COMMUNITY AND ECONOMIC DEVELOPMENT, COMMUNITY ENGAGEMENT, STRATEGIC PLANNING, SUSTAINABILITY SYSTEMS) SERVICES FOR FISCAL YEAR 2024**

Dear Mr. Adams:

In response to the "Notice to Providers of Professional Services for FY2024," PBR HAWAII is pleased to present the attached Statement of Qualifications for the following services:

**RD.3: Community Planning (Community and Economic Development, Community Engagement, Strategic Planning, Sustainability Systems)**

Based on the description provided and PBR HAWAII's extensive experience in community planning, master planning, physical planning, and conceptual subdivision design, we believe that we are well qualified to undertake community outreach and engagement projects on behalf of the County and be able to perform these activities in a timely and cost-efficient manner.

We appreciate the opportunity to submit our qualifications to you and look forward to working with the County of Hawai'i, Department of Research & Development. We are confident that PBR HAWAII can successfully implement and complete a wide range of community outreach and engagement projects for the County of Hawai'i.

Sincerely,

Catie Cullison  
Vice President

Attachment

P250602-1 ltr

*printed on recycled paper*

# Firm Background

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## ***Name of Firm or Individual, Principal Place of Business and Location of All of Its Offices***

**PBR HAWAII & Associates, Inc.** is a multi-disciplinary firm based in Hawai'i for 53 years. We have a staff of 37 dedicated individuals, most of whom are accredited by professional organizations in their respective fields. PBR HAWAII has four certified planners (AICP), six licensed landscape architects, and five LEED® Accredited Professionals (LEED APs).

PBR HAWAII has the capabilities to provide consulting services in the following disciplines:

- **Land planning and urban design**, including master planning, GIS modeling and data development and management for geographic analysis in both rural and urban contexts for: transit-oriented mixed-use developments, educational and campus facilities, resort and residential communities, commercial and industrial facilities, parks and recreational facilities, and natural and cultural resources;
- **Regional and community planning**, including long-range regional analysis and planning, GIS modeling and graphic development, community outreach and engagement (including in-person and virtual meeting facilitation and interactive input), and sustainable design and resiliency concepts;
- **Environmental planning and entitlements**, including Hawai'i State Chapter 343, HRS and National Environmental Policy Act (NEPA) environmental assessments/environmental impact statements, and State and County permits and land use entitlements;
- **Landscape architecture**, including hardscape, irrigation, and landscape design, 3-D modeling, consultation on the use of Native Hawaiian plants, cultural landscapes, sustainable landscape design, and LEED Certification;
- **Graphic design**, including project branding, web design, interpretive displays and signage, educational material, and infographics;
- **Market, fiscal, and economic analyses**, for critical insights to market context and costs and benefits of a project in terms of local expenditures, employment and earnings for residents, and impacts to State and county government revenues and expenditures; and
- **Hawaiian cultural sustainable design concepts**, including place-based sustainable design and cultural advising, providing guidance on how to honor and incorporate Hawaiian culture into projects, and orienting clients new to Hawai'i with an introduction to Hawaiian culture.

PBR HAWAII  
1001 Bishop Street, Suite 650  
Honolulu, Hawai'i 96813

Tel: (808) 521-5631  
Fax: (808) 523-1402  
E-Mail: [sysadmin@pbrhawaii.com](mailto:sysadmin@pbrhawaii.com)

## ***Community Planning (Community and Economic Development, Community Engagement, Strategic Planning, Sustainability Systems)***

PBR HAWAII has worked with various State and County agencies, private developers and landowners on projects that involve extensive community engagement to develop community-based solutions that move beyond planning into sustainable actions. We employ various public engagement tools, including social media, infographics, stakeholder meetings and one-on-one interviews, interactive displays, online and paper-based surveys, live polling (using smartphones or dedicated polling devices), community charrettes and pop-up events, online document commenting, and ArcGIS StoryMap.

Since the start of the Covid pandemic, PBR HAWAII modified many of its outreach efforts to include web-based meetings. Zoom meetings including breakout rooms and polling are now standard practice. We can also stream meetings online live for remote participation and digital recordings of the meetings can be posted for post-event viewing.

For each project, these tools are designed and catered specifically to the audiences our clients serve or seek to reach. Place-based cultural sustainability is also woven throughout our practice. Cultural sustainability and respect for individual communities ground our work and are the foundation of our plans. We seek to find synergies and multi-layered solutions that support a community's vision for its future and move plans from vision to implementation.

PBR HAWAII strives to follow these guiding principles when engaging with the community.

- Relationships. Acknowledgement that successful agencies and their agents must establish and maintain meaningful working relationships with communities to achieve their respective goals and objectives.
- Respect. Respect should be shown and given to the relationship between a community and the resources and people that they care for by valuing local knowledge.
- Reciprocity. All parties participating in a planning process should consider the benefits of "giving" as much as they "receive" from their interactions, with the intent of leaving people and places whole and not wanting.
- Relevance. Acknowledgement that not all communication styles fit all conditions, locales or practices, especially those governed by natural time and cultural and environmental conditions.
- Reflexivity, Reflectivity & Responsive(ness). Tailor conversations with the recognition that changing ecological, social, and economic conditions do not adhere to accounting or administrative practices that are either fixed or inflexible.
- Reverence rather than Reference. Reverence should be shown for community and ecological resources and those whose kuleana, responsibility, it is to care for them, rather than treating either as reference data in the interest of satisfying programmatic mandates.

## ***The Age of Firm and its Average Number of Employees over the Past Five Years***

Based in Hawai'i for 53 years, PBR HAWAII's average number of employees over the past year has been approximately 38 which breaks down into the following categories:

Principals	6 - 8
Planning Associates	4 - 5
Landscape Architect/Associate	6 - 7
Land Planners	7 - 8
Landscape Designers/Draftsmen	5 - 6
Graphic Designers	1 - 2
Business/Administration	5 - 6
Total Employees:	34 - 42

## ***Capacity to Complete the Work in the Required Time***

PBR HAWAII's staff is capable of immediate start and timely completion of projects. Our current workload projections conclude that we have well-trained and experienced staff to accomplish assignments. With our 37 employees, PBR HAWAII is one of the largest planning and landscape architectural firms in the state. PBR HAWAII has the capability and experience of responding to client demands on moment's notice. As a service business, it is our goal to maintain satisfied clients from project start to finish. Repeat clientele represents approximately 80% of our work and is evidence of PBR HAWAII's ability to provide timely service and quality products year after year.

It is our goal to respond to each assignment effectively and rapidly, while ensuring the successful implementation of project requirements. PBR HAWAII is also committed to immediate start-up on projects for Client emergencies or unexpected needs. A principal will be assigned to every project to see that project schedules are met. The process we propose consists of following administrative procedures:

1. Meet with Client and determine/identify critical project components and other logistical or coordination project needs.
2. Visit project site.
3. Evaluate the project scope, budgets, scheduling constraints/requirements and logistical considerations such as travel, work sequencing, equipment acquisition, etc.
4. Make key project assignments based on Client needs and schedule.
5. Initiate appropriate project controls, methodology to monitor progress reports, and final delivery schedules.

Tools such as Microsoft Teams, SharePoint, and Project are often helpful to develop a workflow that integrates project planning, design, and construction tasks. A PBR HAWAII project manager for a specific project would use such a tool to determine opportunities for concurrent work tasks, as well as monitor critical path tasks that affect overall project delivery. The project schedule would evolve in detail and approach and will be updated regularly. Regular team meetings provide a means to ensure assignments get accomplished in a timely manner and to anticipate and come up with solutions for new issues. Concise meeting notes will be timely disseminated to document decisions and next steps, as well as to guide accountability. A controlled-access Internet site for team members (e.g., Basecamp) is useful to share files, exchange messages, assign tasks, and manage a calendar.

PBR HAWAII has established a system for internal communication in which the project manager constantly coordinates, and reviews staff work products and relays this information to the principal-in-charge of the project. A system for critiques has been established to allow staff input and to take advantage of individual talents and experiences. Points of contact within the firm are established for coordination with consultants and with project team members. Project managers are required to keep consultants and other project team members abreast of project status through weekly or bi-weekly (depending on project requirements) coordination meetings and memorandums. Communication with other consultants is not a problem as PBR HAWAII utilizes state of the art technology and software to keep these consultants abreast on the project status. A coordination check list along with standard process charts, schedules, and timelines are established to complete projects on schedule and within budget. The related projects listed are examples of projects completed on time and on budget.

# Resumes

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## ***Education, Training and Qualifications of Key Members of the Firm***

Following are the resumes of the education, training, qualifications and licensure of the following key members of the PBR HAWAII.

Vincent Shigekuni	Senior Vice President
Grant Murakami, AICP, LEED AP® BD+C	Senior Vice President
Kimi Yuen, LEED AP® BD+C	Vice President
Catie Cullison, AICP	Vice President
Tom Schnell, AICP	Principal
Dacheng Dong, LEED AP®	Associate Principal
Nathalie Razo	Associate Principal
Ann Bouslog, PhD	Director of Land Economics & Real Estate
Ramsay Taum	Cultural Sustainability Planner
Etsuyo Kila	Senior Associate
Greg Nakai	Senior Associate
Bradley Furuya, AICP	Associate
Theresa Dean	Project Manager / Planner
Natalie Hanson, LEED AP® ID+C	Project Manager / Planner
David Simpson	Planner
Drew Barrie	Planner
Mahshid Bagheri	Physical Planner
Ty Shiramizu	Planner
Sunny Rosario	Planner
Kayla Palmer	Planner
Hailey Yessis	Planner
Sharlene Pennington	Graphic Designer

## VINCENT SHIGEKUNI

### SENIOR VICE PRESIDENT / PRINCIPAL

With 42 years of professional planning experience, Mr. Shigekuni has been involved with many master planning projects requiring extensive community outreach across the State. He has worked on policy plans and land use projects ranging in scale and complexity from statewide and island-wide to towns, campuses and parks. He has broad experience in community outreach and engagement, utilizing participatory techniques (such as visioning workshops, charrettes, open houses, and presentations) and tools (such as keypad polling and 3D models) to secure input and build consensus in the preparation of master plans.

Mr. Shigekuni has been involved with many site selection and land planning processes in communities across the State. He is experienced in analyzing current landholdings, analyzing and identifying physical opportunities and constraints, and providing a summary analysis for landowner decisions on the disposition and future use of properties, yielding greater values for the landowner.

Mr. Shigekuni also has extensive experience in the preparation of entitlements and environmental assessments for public and private sector clients in Hawai'i. He is involved in many of PBR HAWAII's environmental assessments (EAs) and environmental impact statements (EISs), including the O'ahu Community Correctional Center Replacement FEIS, the Hawai'i Public Housing Authority Administrative Offices Redevelopment FEIS.

Mr. Shigekuni's experience with resiliency planning includes: overseeing GIS mapping of potential HiEMA's emergency warning sirens statewide; and GIS mapping for DLNR's flood assessment study of O'ahu (Maui and Hawai'i islands to follow).



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#### **EDUCATION**

Graduate Studies, 1982  
University of Hawai'i at Mānoa, Department  
of Urban and Regional Planning

BA in Environmental Studies, 1980  
University of Hawai'i at Mānoa

#### **PROFESSIONAL AFFILIATIONS**

American Planning Association Hawai'i  
Chapter

Member, Past President

Historic Hawai'i Foundation  
Member

Land Use Research Foundation  
Subscriber

Society of Outdoor Recreational  
Professionals  
Member

**GRANT MURAKAMI** | AICP, LEED AP® BD+C  
**SENIOR VICE PRESIDENT | PLANNER**

Mr. Murakami has 32 years of planning experience, specializing in master planning, urban design, sustainability, and community outreach and engagement. He has been involved in a number of transit-oriented development (TOD) projects for both public and private sector clients along the Honolulu Rail Transit Project's corridor. Current and recently completed projects include a TOD Planning and Implementation study for the State of Hawai'i Office of Planning for the Island of O'ahu; TOD Planning studies for Kapolei, Waipahu, Iwilei/Kapālama, Downtown and Chinatown for the City and County of Honolulu's Department of Planning and Permitting; and a property assessment for Transit Oriented Development on Department of Hawaiian Home Lands' properties; and planning for the University of Hawai'i-West O'ahu (UHWO) Campus and University District Lands near the Keonea'e (UHWO) Rail Station. Many of these projects have included an extensive community outreach and engagement process.

Mr. Murakami is a LEED Accredited Professional and member of the American Institute of Certified Planners. He has served as President for the Hawai'i Chapter of the American Planning Association, a Director for the Hawai'i Chapter of the US Green Building Council, as the Chair of the Urban Land Institute Hawai'i's Land Use and Sustainability Committee. He has also served as a lecturer at the University of Hawai'i, Department of Urban and Regional Planning, and juror at the University of Hawai'i, School of Architecture.



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**EDUCATION**

Master in Urban Planning, 1990  
University of Washington

Certificate in Urban Design, 1990  
University of Washington

Bachelor of Arts in Geography, 1986  
University of Hawai'i, Mānoa

Marine Option Program Certificate, 1986  
University of Hawai'i, Mānoa

Special Program - Techniques of Traditional  
Town Planning, Urban Housing and Mixed-  
Use Development, Campus Planning  
Graduate School of Design, Harvard  
University

**ACCREDITATIONS**

American Institute of Certified Planners

LEED AP® Building Design + Construction;  
U.S. Green Building Council

**PROFESSIONAL AFFILIATIONS AND  
RECOGNITIONS**

American Planning Association, Hawai'i  
Chapter

Member and Past President, Vice President,  
Director-at-Large

Urban Land Institute

Member, Past Sustainable Land Use  
Committee Chair and Land Use and  
Transportation Committee Co-Chair

US Green Building Council, Hawai'i Chapter  
Board of Directors - Past Director, Past  
Education Committee Member and Past Green  
Schools Committee Member

**KIMI MIKAMI YUEN** | LEED AP® BD+C  
VICE PRESIDENT | PLANNER

With over 20 years at PBR HAWAII, Ms. Yuen manages a variety of planning and design projects as well as the successful preparation of land use permits, environmental assessments and environmental impact statements. Her work includes a diverse range of regional and long-range land plans, master planned communities, public and private sector projects, community engagement and meeting facilitation, urban design, and educational facilities, and park master plans.

On Kaua‘i, Ms. Yuen worked closely with the County on the Līhu‘e Town Core Urban Design Plan, which won County Council approval in March 2010 and is the basis of a \$13 million TIGER grant awarded to the County to implement the plan. She also completed the update of the South Kaua‘i Community Plan in July 2015, which integrates long-range land use planning and transportation networks with a focus on creating sustainable, resilient communities. Her current projects include the Honolulu Harbor Master Plan, Maui Zoning Code (Title 19) Rewrite, and Waimea 400 Master Plan.

She has coordinated and led extensive community engagement efforts, testified in front of various boards, commissions, and councils, and spoken at various seminars and educational programs for The Seminar Group, Hawai‘i State Bar Association, National Association of Industrial and Office Properties (NAIOP) Hawai‘i Chapter Developing Leaders Group, the Institute of Transportation Engineers Hawai‘i Section, and The University of Hawai‘i at Mānoa Shidler College of Business. She is actively involved in several professional organizations including the American Planning Association Hawai‘i Chapter, for which she has been President, Vice President, and the APA/DURP Liaison. She is a member of the Urban Land Institute Management Committee, Lambda Alpha International Aloha Chapter Membership Chair, and a Board Member of the Hawai‘i Tourism Authority for the State of Hawai‘i for which she chaired the Strategic Plan Investigative Committee. She is also a member of the University of Hawai‘i Department of Urban and Regional Planning (DURP) Professional Council.



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#### **EDUCATION**

Master in Urban and Regional Planning, 1999  
University of Hawai‘i at Mānoa  
BA in Architecture, with Highest Honors, 1995  
University of California, Berkeley  
Minor in Asian American Studies, 1995  
University of California, Berkeley

#### **ACCREDITATIONS**

LEED AP® Building Design + Construction;  
U.S. Green Building Council®

#### **PROFESSIONAL AFFILIATIONS**

American Planning Association  
Hawai‘i Chapter President, 2015-2017,  
Hawai‘i Chapter Vice President, 2011-2015  
Hawai‘i Chapter APA/DURP Liaison  
Lambda Alpha International-Aloha Chapter  
Vice President; Past Membership Chair  
Urban Land Institute Hawai‘i District Council  
Management Committee  
USGBC® Hawai‘i Chapter - Member, LEED  
Regionalization Task Force

#### **BOARDS & COMMISSIONS**

Hawai‘i Tourism Authority  
Board of Directors, 2019-2022; Ho‘okahua  
Hawai‘i Standing Committee Chair  
City & County of Honolulu Salary Commission,  
2016-2020

#### **AWARDS & RECOGNITIONS**

UH Department of Urban and Regional  
Planning Dinell Outstanding Alumni Award,  
2020  
Pacific Century Fellows, Class of 2016  
Pacific Business News Forty under 40, Class  
of 2011  
SMEI & Hawai‘i Business Magazine  
Distinguished Sales & Marketing Awards  
Green Services, Finalist 2012

**CATIE CULLISON | AICP**  
**VICE PRESIDENT / PLANNER**

At PBR HAWAII, Ms. Cullison supports public-sector clients with project management, community engagement, and environmental entitlements. Her responsibilities include preparing resource management plans, seeking ways to meaningfully consult with community, and assisting clients with documenting compliance with state and federal environmental requirements.

Her current projects include community engagement and environmental compliance documentation for the Department of Hawaiian Home Lands use of HUD-Native Hawaiian Housing Block Grant (NHHBG) funds, HRS 343 and NEPA compliance for a new roundabout Bayfront Highway in Hilo, a master plan for the Ka‘iwa Ridge Trail (Lanikai Pillbox Trail), and community engagement and environmental documentation for Honolulu’s Complete Streets program and projects in Mānoa, Kalihi, and Waikīkī as well as a supporting role on Honolulu’s Vision Zero Action Plan.

Ms. Cullison is well suited to the project due to her strong experience leading HRS 343 and NEPA environmental documentation projects and managing community engagement teams. Her approach to managing community engagement is to encourage team members’ creativity and thoughtfulness in reaching out to a wide variety of people so as to connect them in a meaningful way to the planning process.



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**EDUCATION**

BA in Local and Urban Affairs, 1994  
St. Cloud State University, Minnesota

**ACCREDITATIONS**

American Institute of Certified Planners,  
2011

**PROFESSIONAL AFFILIATIONS**

American Planning Association  
Member

Society of Outdoor Recreational Professionals  
Member

YWCA O‘ahu  
Board Secretary

**TOM SCHNELL** | AICP  
PRINCIPAL | PLANNER

Mr. Schnell has experience in both the public and private sectors with expertise in the areas of land planning and analysis, environmental planning, and governmental permit processing and entitlements.

As Principal at PBR HAWAII, his responsibilities include the processing of land use related governmental permit documents such as Environmental Impact Statements (EIS), Environmental Assessments (EA), State Special Permit applications, State Land Use District Boundary Amendment petitions, Zone Changes, Community Plan Amendments, Special Management Area (SMA) permit applications, and Conservation District Use Applications (CDUA).

His projects include: 1) facilitating community participation, participating in master planning, and preparing and processing an EIS for the Hawai'i Community Development Authority's (HCDA) Kaka'ako Makai parks in Honolulu; 2) preparing and processing an EIS and Change of Zoning for the high-profile, "Live, Work, Play 'Aiea" project, which will be a new mixed-use community on the former Kamehameha Drive In Theater in 'Aiea; and 3) preparing a master plan and preparing an application pursuant to HRS Section 201H-38 for Makila Farms, a workforce housing community in West Maui. Some of his other past major EIS projects include: Kapalua Mauka, and Pulelehua, both of which involved State Land Use District Boundary Amendments.



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**EDUCATION**

Master of Urban and Regional Planning, 1994  
University of Hawai'i at Mānoa

Bachelor of Arts with High Honors, 1991  
University of Hawai'i at Mānoa

**ACCREDITATIONS**

American Institute of Certified Planners, 1998

**PROFESSIONAL AFFILIATIONS**

American Planning Association, Hawai'i  
Chapter  
Member

Urban Land Institute  
Member

Lambda Alpha International, Aloha Chapter  
Member

**DACHENG DONG | LEED® AP**

**ASSOCIATE PRINCIPAL / PLANNER/GIS ANALYST**

As an Associate Principal at PBR HAWAII, Mr. Dong participates on a diverse range of land use planning and urban design projects. His architectural design background gives him various physical planning and site design skills that contribute to all levels of planning projects. In addition, his sketch and rendering skills are a unique addition to the planning and design team. His experience with ESRI GIS, including ArcMap, ArcGIS 3D analysis, ArcGIS Spatial Analyst, aids the multi-disciplinary team in preparation of maps, land use analysis, and planning document. Mr. Dong's experience of working on a wide range of projects and his ability to integrate a variety of components into cohesive, forward-thinking planning projects makes him a valuable member of any project team.

His experiences include preparing University of Hawai'i West O'ahu university village urban design plan, developing the Lāna'i City expansion and the 201H housing project master plan; conducting GIS analysis and mapping for the O'ahu Flood Vulnerability Study and exploring the site development capacity for several urban parcels via the zoning code study and site planning exercise.



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**EDUCATION**

Master in Urban and Regional Planning,  
2004

University of Hawai'i at Mānoa

Bachelor of Architecture, 1999  
Beijing Polytechnic University

**ACCREDITATION**

LEED® Accredited Professional; U.S. Green  
Building Council

**PROFESSIONAL AFFILIATIONS**

American Planning Association, Hawai'i  
Chapter  
Member

## NATHALIE RAZO

### ASSOCIATE PRINCIPAL | PLANNER

At PBR HAWAII, Ms. Razo has managed and assisted a variety of projects ranging from state and federal environmental assessments, to site selection and land capacity assessments, and from land use master plans to infrastructure analysis. She specializes in master planning, site planning, and community engagement and facilitation. Ms. Razo's current projects include a State of Hawai'i TOD Planning and Implementation study for the Island of O'ahu, City Department of Transportation Services Complete Streets studies and community engagement; campus master plans for the University of Hawai'i West O'ahu, Hawai'i Community College, Kaua'i Community College, and Kapi'olani Community College; a property assessment for Transit Oriented Development on Department of Hawaiian Home Lands' properties; and housing feasibility studies and ongoing community engagement for the City and County.

Prior projects she has worked on include community outreach and engagement for the Hawai'i Public Housing Authority Mayor Wright Homes redevelopment project and City and County of Honolulu Transit Oriented Development action plans; property analysis and assessments for various Queen Emma Land Company properties and the East Kapolei High School for the Department of Education; and, environmental assessments for the Kalihi-Pālama Health Center (343 and NEPA), Niu Valley Middle School classroom facilities, and Haihai Fire Station.

Prior to joining PBR HAWAII, her graduate work at the University of Hawai'i focused on community planning with an emphasis in community and building resilience addressing social vulnerabilities, hazard response and recovery policies, and the value of incorporating community capacity building. During her graduate studies, she undertook extensive work with the Kailapa Homestead Community in organizing community meetings, developing a visioning document and creating an initial programming/spatial analysis for a proposed community center as well as working with the Catholic Diocese to assess their existing food ministry programs and its strengths, weaknesses and opportunities for creating sustainable programming.

Ms. Razo also worked at the National Disaster Preparedness Training Center, where she assisted in the development of the FEMA certified PER-306 HURRIPLAN Resilient Building Design for Coastal Communities training course for hurricane preparedness, mitigation strategies, and disaster recovery.



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#### EDUCATION

Master in Urban and Regional Planning,  
Resiliency Planning, 2013  
University of Hawai'i at Mānoa

Certificate in Disaster Management and  
Humanitarian Assistance, 2013  
University of Hawai'i at Mānoa

Public Policy and Administration Graduate  
Program, 2011  
Northwestern University

Bachelor of Arts in Architecture, 2009  
Yale University

FEMA Certified Natural Disaster Awareness  
for Community Leaders Training (AWR-  
310)

National Disaster Preparedness Training  
Center (NDPTC)

FEMA Certified Community Resilience  
Training (AWR-228)

National Disaster Preparedness Training  
Center (NDPTC)

#### PROFESSIONAL AFFILIATIONS

American Planning Association

Director at Large; Membership and  
Emerging Planner Chair

Urban Land Institute  
Young Leader

**ANN MIKIKO BOUSLOG | PHD**  
**DIRECTOR OF LAND ECONOMICS & REAL ESTATE**

Dr. Bouslog has over 30 years of experience in market assessment, economic and fiscal impact analysis, entitlement, and strategic planning for large or complex developments throughout Hawai‘i and around the Pacific.

As Project Director at PBR HAWAII since 2015, Dr. Bouslog has led multiple efforts to support affordable housing initiatives throughout the state, preparing market studies, economic and fiscal impact assessments, 201H applications, infrastructure and other development impediment analyses, and support of rezoning or Interim Planned Development-Transit (IPD-T) permits on O‘ahu. Her practice areas also span infrastructure finance, market and economic aspects of TOD and regional initiatives on O‘ahu; business planning for community and conservation-oriented facilities; resort and visitor industry consultation. Recent and ongoing Hawai‘i island projects have addressed Office of Housing & Community Development’s Kamakoa Nui Master Planned Community, Kamoleao Community Center, Kea‘au Town Center, Waimea Town, Waikoloa Beach Resort, and Mauna Kea Resort.

Prior to joining PBR HAWAII, Dr. Bouslog served as Forest City Hawaii’s development manager for the \$770 million Kamakana Villages, a 2,200-home master planned community in partnership with the State of Hawai‘i, Housing Finance and Development Corporation. At Forest City, she also supported entitlement initiatives for a 19-megawatt solar farm in Kunia, O‘ahu.

Prior professional ventures include founding and operating Mikiko Corporation, a real estate and economic advisory firm, and serving as Director of KPMG’s Hawai‘i Real Estate and Hospitality Consulting practice. In these capacities, Dr. Bouslog directed services for prominent government, resort, and community developments such as the U.S. Navy (Ford Island and bulk dispositions), U.S. Army (Residential Communities Initiative), Department of Hawaiian Home Lands, Koa Ridge, Mauna Lani Resort, Waikoloa Beach Resort, Hualālai, Kukui‘ula, Kō‘ele and Mānele, Hilton Hawaiian Village and Ho‘opili, as well as projects in Japan, South Korea, Malaysia, Saipan, Guam, and Palau. In 2013-14, she helped organize a 10+ party mediation to address a proposed critical habitat designation in West Hawai‘i, resulting in beneficial agreements between area landowners and the U.S. Fish and Wildlife Service.

Dr. Bouslog has acted as expert witness numerous times, before State and County agencies as well as in Circuit Court. In April 2016, her testimony before the Hawai‘i State Land Use Commission regarding Koa Ridge was cited in the Hawai‘i Supreme Court decision that upheld the project’s LUC redistricting.



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**EDUCATION**

Ph.D. in Demography/Sociology, 1985  
Cornell University

MA in Sociology with minor in City &  
Regional Planning, 1981  
Cornell University

BA in Urban Studies, 1977  
Stanford University

**PROFESSIONAL AFFILIATIONS**

Rate Commission, City and County of  
Honolulu  
Commissioner

Lambda Alpha International, Aloha Chapter  
Board Member; Former President, Aloha  
Chapter; Former Asia/Pacific Regional Vice  
President; Former Western U.S. Assistant  
Vice President

East-West Center Foundation  
Former Board Member

Community Housing Fund at Hawai‘i  
Community Foundation  
Former Director

Urban Land Institute, Hawai‘i Chapter  
Former UrbanPlan Chair & Mgt. Committee

Kamehameha Schools’ for-profit  
subsidiaries including Bishop Holdings  
Corporation, Kamehameha Investment  
Corporation, KUKUI, Inc. and Pauahi  
Management Corporation  
Former Director on each entity

## RAMSAY R. M. TAUM

### CULTURAL SUSTAINABILITY PLANNER

Ramsay R. M. Taum is a Cultural Sustainability Planner at PBR HAWAII. His eclectic background and experience in business, government and community service make him a valuable asset in both public and private sectors as well as in for-profit and non-profit business.

Mentored and trained by respected kūpuna (elders), he is a practitioner and instructor of several Native Hawaiian practices including ho‘oponopono (stress release and mediation), lomi haha (body alignment) and Kaihewalu Lua (Hawaiian combat/battle art). His work in promoting sustainable place based, and Hawaiian cultural stewardship principles and practices is acknowledged locally, nationally, and internationally. Mr. Taum is a recognized cultural resource and sought after as a keynote speaker, lecturer, trainer and facilitator. Trained by respected Hawaiian elders, he effectively integrates place based, cultural based, indigenous and Native Hawaiian cultural values and principles into contemporary business.

Ramsay was awarded the 2013 Peace Day Hawai‘i, Peace Maker of the Year in recognition of his lifetime career advocating the spirit of Aloha around the world, in fields of ecology, business, communications, economic development and Hawaiian culture. His work in promoting sustainable place based, and Hawaiian cultural stewardship principles and practices is acknowledged locally, nationally and internationally. Ramsay was awarded the 2008 East West Center’s Leadership Certificate Program’s Transformational Leadership in Sustainability, and in that same year was Hawai‘i Home + Remodeling, HONOLULU & Hawai‘i Business magazines’ “Who’s Keeping Hawai‘i Green” 2008 Individual Educator Honoree.



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#### EDUCATION

Undergraduate Studies, 1980  
United States Air Force Academy

Bachelor of Science in Public  
Administration, 1981  
University of Southern California

#### PROFESSIONAL AFFILIATIONS

Pacific Risk Management ‘Ohana - IKE  
(Indigenous Knowledge & the Environment)  
Hui - Steersperson

Indigenous Peoples Climate Change  
Working Group - Member/Facilitator

Global Breadfruit Heritage Council -  
Advisor

Olohana Foundation, focused on building  
community capacity and cohesiveness  
around systems of food, energy, and  
knowledge - Advisor (Present)

Sustain Hawai‘i - Vice President

Royal Order of Kamehameha, Hawai‘i  
Chapter - Member

National Disaster Preparedness Training  
Center - Subject Matter Expert

NCAR/UCAR Rising Voices Climate  
Resilience through Indigenous and Earth  
Sciences - Member/Facilitator

E Ola Pono, LLC - Managing Member

## ETSUYO KILA

### SENIOR ASSOCIATE / GIS ANALYST

As a Senior Associate at PBR HAWAII, Ms. Kila participates on a diverse range of regional planning projects and land planning studies. Her planning and cartographic skills provides a valuable contribution to all levels of planning projects. In particular, her experience with GIS, including ArcGIS, aids the multi-disciplinary team in preparation of maps and planning documents. Current projects include support to the flood vulnerability assessment for Department of Land and Natural Resources (O'ahu completed, Maui and Hawai'i islands to start in last quarter of 2018) and GIS data development for Department of Hawaiian Home Lands land inventory and license inventory. Past projects of note include: the Statewide Inventory of Stream Channel Alterations for the Commission on Water Resource Management; and the State Civil Defense Emergency Warning Sirens Inventory.



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#### **EDUCATION**

Master in Urban and Regional Planning,  
2005

University of Hawai'i at Mānoa

BA in International Relations, 1995

Kobe City University of Foreign Studies

## GREG NAKAI

### SENIOR ASSOCIATE | PLANNER

Greg Nakai is involved in many types of planning projects with an emphasis on environmental planning and land use entitlements. He has managed or assisted with a wide range of projects, including an environmental impact statement (EIS) and Chapter 201H, HRS exemptions for the proposed Hawai‘i Public Housing Authority (HPHA) School Street Senior Affordable Housing Development, a mixed-use development featuring up to 800 affordable rental apartments for seniors; Chapter 201H, HRS exemptions for the Kūhiō Park Terrace Low-Rises and Kūhiō Homes Redevelopment, a development featuring 650 affordable rental and public housing apartments; Chapter 201H, HRS exemptions for Keahumoa Place, an affordable housing development in East Kapolei; an environmental assessment (EA) and Special Management Area Use Permit (SMP) for the Wai‘anae High School Girls’ Athletic Locker Room; an EA and SMP for the Ted Makalena Golf Course National Pollutant Discharge Elimination System (NPDES) Improvements; EAs for the Board of Water Supply Hālau Wai Mānoa, the Sand Island Business Association, and new classroom facilities at Waipahu High School and Kealakehe Elementary School. As project manager, he helped to obtain a SMP, Zoning Waiver Permit, and Conditional Use Permit for Joint Development for the Sand Island Wastewater Treatment Plant Secondary Treatment Improvements. He has also assisted with obtaining a Minor Modification to a Plan Review Use (PRU) Permit for the Mixed-Use Housing Project at the University of Hawai‘i at Mānoa Campus, as well as various land use entitlements for church facilities and university campuses on O‘ahu and Maui.

Mr. Nakai transitioned from a career in language education, and received his master’s degree in Urban and Regional Planning at the University of Hawai‘i at Mānoa, with a focus on issues of equitable and sustainable food systems policy and planning.



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#### EDUCATION

Master in Urban and Regional Planning, 2018  
University of Hawai‘i at Mānoa

MA in Second Language Studies, 2007  
University of Hawai‘i at Mānoa

BA in International Studies, 1998  
University of Washington

BS in Psychology, 1998  
University of Washington

#### PROFESSIONAL AFFILIATIONS

American Planning Association Hawai‘i  
Chapter  
Programs Committee Co-Chair and Executive  
Committee Member

**BRADLEY FURUYA | AICP**  
ASSOCIATE / PLANNER

Mr. Furuya grew up on O‘ahu before moving to Los Angeles to attend school at the University of Southern California. During his studies, Bradley discovered urban planning while taking an environmental studies elective course. He graduated with a Bachelor of Science in Public Policy, Management, and Planning and subsequently received a Master of Planning degree, also from the University of Southern California.

Prior to joining PBR HAWAII, Mr. Furuya worked as a Planner for the City of Los Angeles Department of City Planning where he processed land use entitlements and Environmental Impact Reports as required under the California Environmental Quality Act. Most recently, Bradley supervised the Department of City Planning’s Historic Preservation Overlay Zone (HPOZ) unit, which included the City’s 35 historic districts and 22 HPOZ boards.

For Bradley, one of the great joys of being a planner is the ability to work with people of a community to shape the built environment in a way that brings positive change to their everyday lives. When presented with the opportunity to work with the people of Hawai‘i, Bradley moved home to pursue his passion of creating healthy places that are designed for everyone.

At PBR HAWAII, Bradley assists in writing environmental assessments (EAs), Chapter 201H, HRS exemptions, Special Management Area Use Permit (SMP) applications, Hawai‘i Community Development Authority (HCDA) Development Permit applications, and Master Plan reports for various residential, commercial, and institutional projects throughout the islands.



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**EDUCATION**

Master of Planning, Economic Development, 2014  
University of Southern California

BS in Public Policy, Management, and Planning, Urban Planning, 2013  
University of Southern California

**ACCREDITATIONS**

American Institute of Certified Planners, 2019

**PROFESSIONAL AFFILIATIONS**

American Planning Association  
Member

Historic Hawai‘i Foundation  
Member

## **THERESA DEAN**

### **PROJECT MANAGER / PLANNER**

Ms. Dean has several years of consulting and agency experience with environmental, housing, and infrastructure planning projects. Her background includes the development of outdoor resource management plans, environmental assessments, and other permit and entitlement documents. She has experience in agency contracting processes and affordable housing developments. To date, her work focuses on community engagement methods that inform planning efforts across the State. Currently, she is working on a variety of projects including an environmental assessment and accompanying management plan for the DLNR Ka'iwa Ridge Trail, the City and County of Honolulu's update to the Wai'anae Sustainable Communities Plan, and as an engagement advisor on the O'ahu Vision Zero Action Plan.



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#### **EDUCATION**

Master in Urban and Regional Planning,  
Environmental Planning, 2017  
University of Hawai'i at Mānoa

BS in Business Administration and  
Management, 2010  
Syracuse University – Martin J. Whitman  
School of Management



## NATALIE HANSON | LEED® AP ID+C PROJECT MANAGER / PLANNER

At PBR HAWAII, Ms. Hanson's responsibilities include preparation of environmental assessments and special district permits for government projects, GIS mapping and analysis, community engagement through website content management and web-based outreach tools (such as MailChimp, StoryMaps and SurveyMonkey), and preparation of federal and state environmental documents including documentation of compliance with the National Environmental Protection Act (NEPA).

Her recent projects include community engagement and environmental compliance documentation for the Department of Hawaiian Home Lands use of HUD-Native Hawaiian Housing Block Grant (NHHBG) funds, and community engagement for the City and County of Honolulu's Complete Streets, Pedestrian Plan, and Ala Pono an Ala Wai Crossing. Current projects include updating the Ocean Resource Management Plan with the Office of Planning, preparing flood map reports for the Department of Land and Natural Resources, updating the City and County of Honolulu's TOD website, and land use, community planning, and preparation of NEPA environmental reports for the Department of Hawaiian Home Lands. While earning her Master's in Urban and Regional Planning at the University of Hawai'i, Ms. Hanson re-designed the department's website and social media platforms, assisted in the launch of the department's first alumni association, and received funding from the J. Watumull Scholarship for conducting field research on sea level rise adaptation in Kolkata, India.

Ms. Hanson also brings to her role as planner a bachelor's degree in sociology, anthropology, and Asian studies; both quantitative and qualitative data collection and analytical skills; and seven years of experience work-study throughout Asia. This background has fostered a firm grounding in the importance of inclusion when conducting community outreach as part of planning processes and decision making.



### EDUCATION

Master in Urban and Regional Planning,  
2016

University of Hawai'i at Mānoa

Graduate Certificate in Disaster  
Management and Humanitarian Assistance,  
2016

University of Hawai'i at Mānoa

BA in Sociology/Antropology, Asian  
Studies, 2007

St. Olaf College, Northfield MN

Native Hawaiian Organizations in the  
Section 106 Process

Seminar co-hosted by Historic Hawai'i  
Foundation, The Advisory Council on  
Historic Preservation, and the U.S.

Department of the Interior Office of Native  
Hawaiian Relations

Foundations in Environmental Review:  
NEPA and 24 CFR Part 58 Environmental  
Review Procedures – Technical Assistance  
Workshop hosted by Department of  
Hawaiian Home Lands and U.S. Department  
of Housing and Urban Development

### ACCREDITATIONS

LEED® AP Interior Design + Construction  
U.S. Green Building Council

### PROFESSIONAL AFFILIATIONS

American Planning Association  
Hawai'i Chapter  
Member

Lambda Alpha National Collegiate Honors  
Society for Anthropology

DURP Ohana

University Students of Urban and Regional  
Planning

## DAVE SIMPSON

### PLANNER

At PBR HAWAII, Mr. Simpson works in a supportive role on various projects to assist principals and associates in the firm. In his previous role, Mr. Simpson served as the coordinator for the Smart Sustainable Communities initiative for Hawai'i Green Growth. His responsibilities included primary coordination, research, logistics, and technical support for the Smart Sustainable Communities (SSC) Roundtable and corresponding working groups.

Dave's experience in this role involved engagement with a diverse array of key leaders, partner organizations, and technical experts to achieve SSC objectives that promote joint action, accountability, collaboration, information exchange, resource leverage and consensus building. The project deliverables included managing a multi-sector process to develop recommendations on targets, indicators and metrics for the Aloha+ Challenge Smart Sustainable Communities 2030 statewide goal. Membership among the working groups managed in this process included state and county representatives, locally-based private sector companies, academic and technical experts, and community-based organizations. Additional project deliverables involved development of the Smart Sustainable Communities Business Roundtable as a private sector platform for collaboration on joint actions to support sustainability initiatives. Dave's experience also includes a background in hospitality management on the Island of Lāna'i and grass-roots political advocacy.



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#### **EDUCATION**

Master of Urban and Regional Planning,  
2016

University of Hawai'i at Mānoa

Bachelor of Arts – Political Science &  
History, 2004

Emory University

Emory British Studies Program, 2002  
Oxford University, University College

## DREW BARRIE

### PLANNER

Mr. Barrie is experienced in land planning and urban design, supporting development projects through the entitlement and permitting processes, developing long-range planning and policy documents, and collaborating with stakeholders and professionals in various disciplines. His diverse background in public and private planning, land use consulting, architecture, and landscape architecture is a valuable asset to the wide range of planning and design projects he supports.

Mr. Barrie's goal is to leverage creative problem-solving, sensitive planning, and quality design to create meaningful environmental, urban, and community impact.



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### EDUCATION

Master of Urban Planning, Design of the  
Built Environment, 2022  
University of Southern California

Bachelor of Science in Geodesign,  
Architecture Minor, 2022  
University of Southern California

## MAHSHID BAGHERI

### PHYSICAL PLANNER

Mahshid holds a master's degree in Urban and Regional Planning. Her motivation is to be part of creating a sustainable planet through effective participatory processes and cross-sector collaboration. She brings experience in urban designing, physical planning, and mapping.

During her studies, Ms. Bagheri worked as a graduate research assistant in National Disaster Preparedness Training Center (NDPTC) and focused on disaster management and humanitarian assistance planning. Through this period, she was part of a wide variety of projects; She assisted in a GIS analysis project to investigate the impact of flight restriction relaxation on the number of COVID cases on the Island of Oahu in Spring 2020. She also helped with the preparation of COVID-19 contact tracing and social distancing surveys, and GIS analysis of the obtained data.

During her studies, Mahshid also contributed to conducting a research project for the State of Hawai'i Department of Land and Natural Resources – Division of Boating and Ocean Recreation (DOBOR) with the purpose of creating a conceptual development plan to guide the potential future development of the Ala Wai Small Boat Harbor. In this project she helped with conducting a site inventory and site analysis, conducting community and stakeholders' engagement surveys and interviews, and assessing prior stakeholder engagement results. She also developed resilient design guidelines including several strategies for addressing sea level rise and flooding in the Ala Wai Small Boat Harbor.

Some other projects that Mahshid assisted with are: 1) developing an infrastructure plan for Waipahu TOD area by analyzing various infrastructure considerations including multi-modal transportation, parking, stormwater and green infrastructure, 2) finding links between demography and resource dependency on Merizo residents' attitudes and perceptions towards coastal and marine resources in the Achang Reef Flat Marin Preserve, Guam by analyzing a survey data employing IBM SPSS Software, and 3) a SPSS analysis of a survey conducted one year after 2017 earthquake in middle east to investigate the relationship between people's awareness about their significant role in response and recovery activities after one year of a disaster, and the improvement of their quality of life in the post-disaster process.



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#### EDUCATION

Master of Urban and Regional Planning,  
2021  
University of Hawai'i at Mānoa

Bachelor of Architecture Engineering, 2018  
Iran University of Science and Technology

Bachelor of Physics, Atomic and Molecular  
Physics, 2009  
Shahid Beheshiti University

#### PROFESSIONAL AFFILIATIONS

American Planning Association  
Member

## TY SHIRAMIZU PLANNER

Mr. Shiramizu has an invested interest and experience in nurturing and guiding Hawai'i's future through sustainable policies and practices. He believes that diligence and integrity in planning are crucial to proactively and positively influencing the communities of Hawai'i.

As a Legislative Aide, Mr. Shiramizu gained experience with the legislative process which included researching, drafting and reviewing potential bills for legislation, as well as reviewing and familiarizing himself with active legislation. Attending Transit Oriented Development (TOD) and other planning meetings helped familiarize him with the goals and requirements of good planning, and he worked closely with stakeholders, constituents, and legislators and their staff to identify and address the various issues that Hawai'i faces.

His position as Clean Transportation Intern with Blue Planet Foundation gave him experience with non-profit work, advocacy and storytelling, and furthered his knowledge of the local transportation field. His previous education in biology and economics puts him in a unique position to identify Hawai'i's important natural resources while understanding the implications of our economy at large.



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### EDUCATION

Master's in Urban and Regional Planning,  
2022

University of Hawai'i at Mānoa

BA in Biology, Minor in Economics, 2016  
University of Hawai'i at Mānoa

## SUNNY ROSARIO PLANNER

Ms. Rosario's work experience in a variety of fields combined with her educational background in environmental science and public affairs gives her a diverse approach to planning. With an understanding of environmental compliance, history, law, finance, and more she brings numerous perspectives to her work.

Planning sits at the intersection of her goals to help people and the planet. This is reflected in her senior thesis which studied the impacts of environmental messaging in media on viewers. Product placements, character actions, and word choice used in assorted media were studied for influence on viewers. Ms. Rosario's research skills and work experience in environmental compliance help her to prepare for all stages of the planning process.



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### **EDUCATION**

BS in Environmental Science, Minor in  
Environmental Science Systems and Society  
| Public Affairs | History, 2020  
University of California, Los Angeles

### **PROFESSIONAL AFFILIATIONS**

NAIOP Developing Leaders  
Member

## KAYLA PALMER

### PLANNER

Ms. Palmer joined PBR HAWAII in 2023 and graduated from the University of Hawai‘i at Mānoa with her master’s in Urban and Regional Planning and Bachelor of Science in Global Environmental Science. During her master’s degree, she focused on preparing a framework for transportation departments to operationalize social vulnerability indicators in climate adaptation decision making.

Prior to joining PBR HAWAII, Ms. Palmer was a Highways Climate Adaptation AmeriCorps Vista for the Hawai‘i Department of Transportation-Highways (HDOT) and Hawai‘i State Climate Commission. In this position, Ms. Palmer was able to provide data collection and project evaluation to HDOT-Highways & Google when developing a statewide climate and social vulnerability mapping tool to enhance project prioritization for underserved communities and vulnerable State highway facilities.

At PBR HAWAII, Ms. Palmer will provide support on a variety of projects such as the O‘ahu Vision Zero Action Plan, 2050 O‘ahu Regional Transportation Plan, new roundabout at Hilo Bayfront highway, and the replacement of Waiahole Bridge.



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### EDUCATION

Master of Social Science, Urban & Regional Planning, 2023

University of Hawai‘i at Mānoa

Bachelor of Science, Global Environmental Science, 2021

University of Hawai‘i at Mānoa

## HAILEY YESSIS

### PLANNER

Ms. Yessis has experience supporting her team on the enhancement and development of housing and environmental projects as her efforts includes preparing environmental compliance documents, developing long-range planning and policy documents, and collaborating with stakeholders and professionals in various disciplines. Through planning, her goal is to create a supported community and a sustainable environment for future generations to come through her knowledge and background in natural resource management, conservation, and land use in Hawai'i.

She is currently assisting in providing NEPA compliance documents for projects pertaining to the Department of Hawaiian Home Lands to better support the Hawaiian Home Lands communities by ensuring a safe and healthy housing environment, while simultaneously protecting wildlife and plants native or endemic to Hawai'i. She is also assisting with research and correspondence for a team collaboration on the DLNR Ka'iwa Ridge Trail master plan.

Ms. Yessis is able to bring her strong teamwork skills, persistence to overcome challenges, and passion for protecting the environment and the community she has called home all her life through the work of ethical planning to the table.



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#### **EDUCATION**

Bachelor of Science in Natural Resources & Environmental Management, 2023  
University of Hawai'i at Mānoa

#### **PROFESSIONAL AFFILIATIONS**

Alpha Gamma Delta  
Vice President of Recruitment, Alumni Chapter

College of Tropical Agriculture and Human Resources Student Ambassador, College of Tropical Agriculture and Human Resources Alumni Association

## SHARLENE PENNINGTON

### GRAPHIC DESIGNER

With five years of graphic design and digital illustration experience, Ms. Pennington is passionate about creating visually stunning designs that help brands grow. With years of hands-on graphic design experience, Ms. Pennington developed the ability to make meaningful and strategic decisions in professional contexts, curate and develop brand identities, and formulate dynamic, effective and successful designs while building her professional portfolio. Ms. Pennington's specialized areas include logo and brand identity, website design, editorial design, minimalist icon graphics, and presentation graphics.

At PBR HAWAII she employs her skills in the production of architectural illustrations and renderings, graphic planning-based reports, and displays for physical and online presentation materials. Recent and ongoing projects include design work for One Hotel Hanalei, He'eia National Estuarine Research Reserve System, and Samuel Mahelona Hospital.

Before joining PBR HAWAII, Ms. Pennington was a graphic designer for MoDo Hawaii where she maintained the brand identity by managing and creating content for the brand from packaging design, social media management, merchandise design, photography, to marketing collateral. She also worked as a freelance graphic and web designer in Los Angeles and Honolulu and has worked on a few website designs and brand identity projects for clients.

Ms. Pennington's vast internship experiences within the New Media Arts Program and years of graphic design experience as a freelancer and in-house head graphic designer complements her background in the graphic design field. Her work as a graphic designer and freelancer entailed working closely with companies and design studios such as Nella Media Group, 1013 Integrated, Urban Pacific Communications, Hawaii Pacific Photo and Pepperblack Studios.



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#### **EDUCATION**

AS in Interface Design, 2018  
Kapi'olani Community College, New Media  
Arts Program

# Client References

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***Names and Phone Numbers of up to  
Five Clients Who May Be Contacted, Including Two for Whom Services  
Were Rendered During the Preceding Year***

Ka'āina Hull  
County of Kaua'i  
Planning Department  
Phone: (808) 241-4050

Alan Carpenter  
Department of Land and Natural Resources  
Division of State Parks  
Phone: (808) 587-0286

Dean Minakami, AICP  
Hawai'i Housing Finance and Development Corporation  
Phone: (808) 587-0518

David Yamashita  
County of Maui  
Department of Parks and Recreation  
Phone: (808) 270-6508

Drusilla van Hengel  
Nelson/Nygaard Consulting Associates, Inc.  
Phone: (503) 227-3463

# Relevant Project Experience

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## *Any Promotional or Descriptive Literature Which the Individual or Firm Desires to Submit*

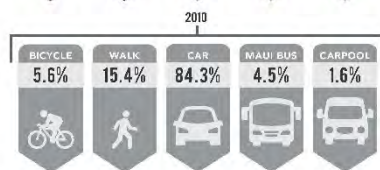
Over the years, PBR HAWAII has been fortunate to have provided our services to federal agencies, State of Hawai'i agencies, county agencies on all islands, and most large land owners and developers throughout the state. The following projects provide an example of our diverse planning experience.

### **Wailuku Civic Complex Master Plan and Environmental Assessment, Maui**

PBR HAWAII was part of the Ferraro Choi team working with the Maui County Planning Department on the Wailuku Civic Complex Master Plan and Environmental Assessment (EA). Building on the County's earlier reWailuku efforts, PBR HAWAII spearheaded the public outreach and also created the reWailuku website that was updated with information related to the Civic Complex and other County projects in Wailuku. PBR HAWAII also designed the outdoor spaces at the Civic Complex including improved pedestrian connections, streetscape improvements on Vineyard and Church Streets, and a new plaza that will be the pu'uwai, or heart, of Wailuku Town. PBR HAWAII also completed the EA/FONSI to support the project.

# PARKING BY THE NUMBERS

HIGHLIGHTS FROM THE 2010 & 2017 WAILUKU TOWN SURVEY



#### HOW DO YOU GET TO WAILUKU TOWN?

When asked the to select up to two methods used to get to Wailuku Town, 97% answered that they use a personal vehicle.

This is a significant majority, and an increase from 2010, when 84.3% of survey respondents said they used a personal vehicle to get to Wailuku Town. Other methods of transportation to Wailuku can have decreased since 2010, including walking which decreased from 15.4% in 2010 to 11.9% in 2017 and the Maui bus which decreased from 4.5% to 2.0%.

**REWAILUKU.ORG**  
VISIT OUR WEBSITE AND NEVER MISS AN UPDATE!

STAY SOCIAL ON INSTAGRAM & TWITTER  
@REWAILUKU



#### QUESTIONS or INQUIRIES?

Erin Wade  
Erin.Wade@co.maui.hi.us  
(808) 270 - 5517

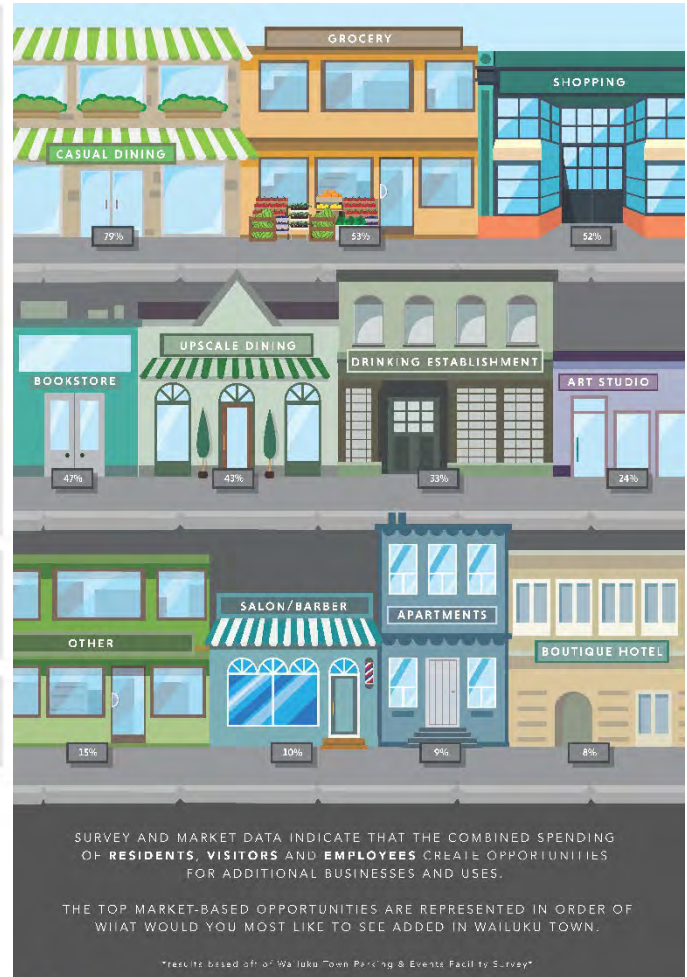
#### HOW FAR ARE YOU WILLING TO WALK FROM PARKING TO YOUR DESTINATION?



13% if 0-5 minutes or less  
28% if 5-10 minutes or more  
54% if 2-5 minutes or less  
88% if 10 minutes or more

**2,150**  
TOTAL PRIVATE/  
RESERVED/OFF-STREET  
PARKING STALLS

**689**  
TOTAL EXISTING STREET &  
SURFACE PARKING STALLS



MARKET OPPORTUNITIES: FROM THE 2017 PUBLIC SURVEY

## Honua'ula Forest Reserve Visitor Use Management Plan, Kona, Hawai'i

PBR HAWAII conducted the Honua'ula Forest Reserve Public Use Study, on the Hawai'i Island, in support of a larger planning effort by the State of Hawai'i, Department of Land and Natural Resources, Division of Forestry and Wildlife (DOFAW) to develop the Honua'ula Forest Reserve Management Plan. The Honua'ula Forest Reserve, like many reserves within the DOFAW managed Forest Reserve System, was established as a public-private partnership to protect local forested lands.

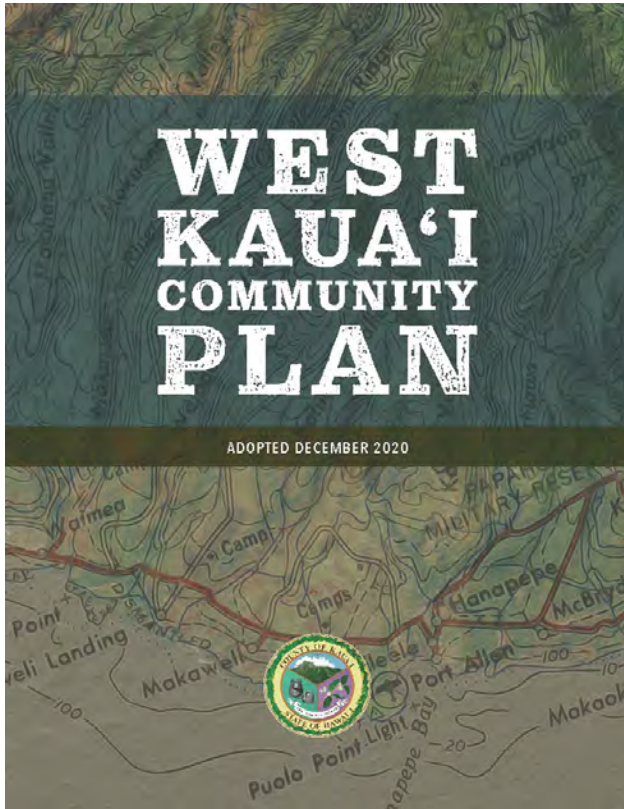
Historically, the majority of the reserve was landlocked and public access was granted only to those who received permission to traverse neighboring private properties. Due to a recent land acquisition that now connects most of the reserve to a major State highway, the reserve is more accessible to the public. To support existing demand for recreational space within the reserve and plan for the long term sustainable management of uses into the future, DOFAW contracted PBR HAWAII to develop the Honua'ula Public Use Study which investigated publicly supported recreational opportunities and provided an analysis of the associated potential impacts to natural resources. The analysis was performed by integrating public use preference data into a natural resource planning framework developed by Federal agencies within the Interagency Visitor Use Management Council (IVUMC).

PBR HAWAII was responsible for engaging community members and key stakeholders in a manner that allowed for the integration of public use preference data into a federal planning framework that systematically addresses public uses within a sensitive ecological system. PBR HAWAII prepared this study as a component of the overall Honua'ula Forest Reserve Management Plan.



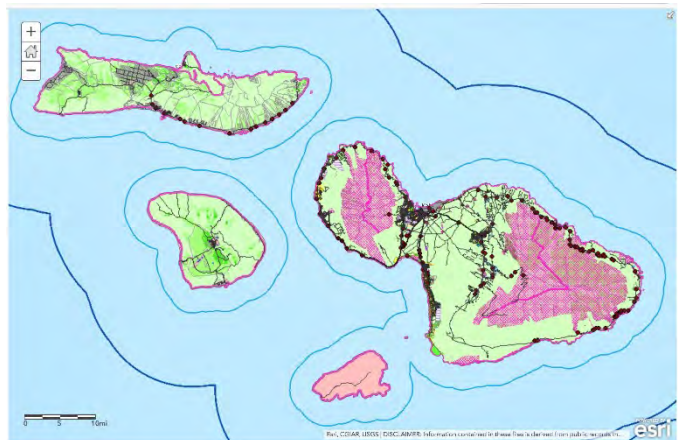
## West Kaua'i Community Plan, Kaua'i

The County of Kaua'i Planning Department completed the long-range community plan for the West Kaua'i region to: 1) implement zoning and land use designations from the Kaua'i General Plan; 2) define design criteria to guide and regulate future development while protecting valued physical and social characteristics; and 3) anticipate the potential impacts to the area due to sea level rise and climate change. The County Planning Department was the primary writer of the plan and contracted PBR HAWAII to: 1) develop materials for the public review process including flyers, newspaper ads and display boards; 2) review and recommend revisions to the text and organization of the plan document; 3) design and prepare a high-quality community plan document; and 4) incorporate the amendments approved by the Planning Commission and County Council.



## Maui County Code Title 19 Zoning Rewrite, Maui

PBR HAWAII is supporting Orion Planning + Design (Orion) with rewriting the County of Maui's zoning ordinance, Title 19. Initial stakeholder meetings have been held and the project team is currently working on drafting the updates. PBR HAWAII is responsible for GIS mapping and updates to the environmental and cultural/historic sections of the code rewrite. PBR HAWAII will also be creating a project website to support community outreach and public review of drafts of the Title 19 revisions. Once the adopted, PBR HAWAII will support the Orion team with Maui County Staff and public trainings to introduce elements of the newly adopted zoning code.

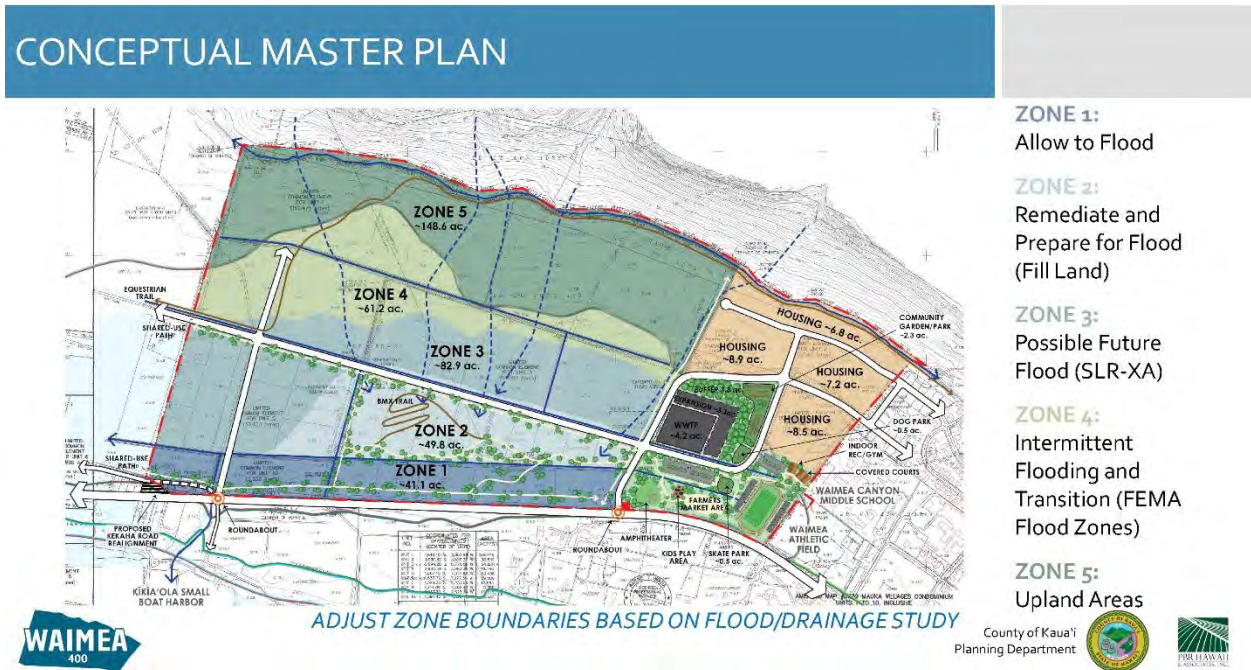


# Waimea 400 Conceptual Master Plan, Kaua'i

In 2019, the County of Kaua'i purchased a 417-acre property in West Kaua'i between Waimea and Kekaha referred to as "Waimea 400". With extensive input from the community, PBR HAWAII developed an adaptive conceptual master plan for the property that can be adjusted over time based on the potential impacts of sea level rise, groundwater intrusion, and climate change. Permanent structures are located at higher elevations and areas not anticipated to be impacted by anticipated sea level rise exposure areas.

The project included an initial survey that received over 700 responses identifying the community's desired uses for the site including affordable housing, a long-awaited sports complex, community gardens, agriculture, and walking paths. The project also included a student design challenge where area high school students learned about land use planning, taking into consideration the site constraints and opportunities and community wishes for the site. Many of the students' ideas were incorporated into the final conceptual master plan, which underwent iterative refinements with the community via virtual meetings, online surveys, talk story sessions at the local public library, stakeholder meetings, and one-on-one meetings and calls.

The plan also envisions continuing the relationship with the schools and community in applying traditional ecological knowledge in the adaptive management of the site and becoming the learning grounds for incubator and innovative agriculture, wetland restoration, affordable and transitional housing, and community-based recreational spaces.





# Diamond Head State Monument Implementation Plan, O'ahu

Diamond Head (Lē'ahi) is one of Hawai'i's most iconic geological features and a significant natural, cultural, historical, and recreational resource. PBR HAWAII completed the Diamond Head Master Plan in 1999. Since then, visitation to Diamond Head has doubled, resulting in pedestrian and vehicular congestion. In 2018, DLNR State Parks contracted PBR HAWAII to assist in proposing improvements to the Diamond Head State Monument to enhance and diversify visitor experiences in and around the crater. As part of the work, PBR HAWAII prepared a public participation plan, which included use of social media to cost-effectively increase public engagement.

In addition, PBR HAWAII used ArcGIS StoryMap to produce a webpage to provide information about proposed improvements and obtain input. The StoryMap also included an on-line survey (SurveyMonkey). In total, more than 500 people responded to on-line survey, to provide both DLNR State Parks and legislators with feedback to support proposed improvements.



## Kamehameha Schools Kapālama Kai Community Outreach, O’ahu

Kamehameha Schools (KS) contracted PBR HAWAII to assist with community outreach for their Kapālama Kai lands, which encompass 105 acres just west of Downtown Honolulu.

Key goals of the effort include building support for their long-range vision of a mixed-use innovation community in Kapālama and gathering community input early in the process to help inform the details of what would be appropriate in this critical transit-oriented development (TOD) area of the urban core.

PBR HAWAII developed and launched a website and public survey to collect information on community preferences on housing, open spaces, and businesses, and concerns and likes in the area. Stakeholder meetings were also held with existing tenants, government agencies, elected officials, and various social services, education, cultural, and business groups. The input gathered from these initial efforts was compiled and synthesized in a final report submitted to KS in Fall 2019. PBR HAWAII’s graphics department also prepared a marketing brochure targeted toward developers.

PBR HAWAII continues to support Kamehameha Schools as they plan future events to advance their Kapālama Kai lands. PBR HAWAII created large format graphics to share KS’ vision for Kapālama Kai, summarize community outreach efforts to-date, and facilitate additional community engagement. The input gathered at future events will be summarized in a supplemental report, which will allow KS to further refine their master plan and will inform their decisions as they move forward with implementation.

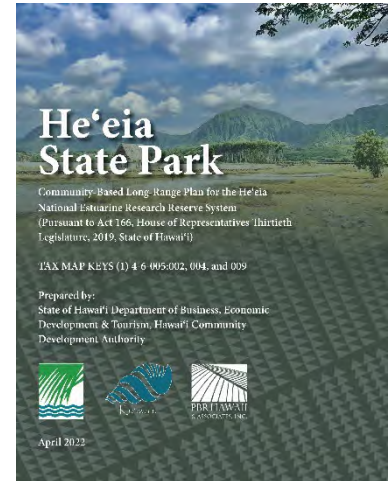


# He'eia State Park Community Based Long Range Plan for NERR, O'ahu

PBR HAWAII supported HCDA to prepare a community-based long-range plan for the He'eia National Estuarine Research Reserve (NERR) at He'eia State Park.

The planning process included working with a facilitator respected by the community to engage in one-on-one and small group stakeholder meetings to discuss a path forward for the NERR to integrate with the Park. An open public meeting (virtual) followed. The community engagement outcomes were paired with a review and analysis of the many overlapping management plans for He'eia to make long-term recommendations for integration of the NERR with He'eia State Park.

The recommendations in the final He'eia State Park Long-Range Plan are based on key values identified during the community engagement process and in the many land use and natural resource plans previously developed for the area and. The plan recommendations provide a framework for the planning of physical improvements, management of these improvements, and the planning of programs and activities.



**Recommendation 1: Perpetuate outdoor recreation, community gathering, public access, and cultural activities within the Park that are consistent with community values.**

- 1-1 Maintain lease commitments between DSP and Kama'oiwa Care and all sub-agreements with community organizations that are presently in place.
- 1-2 Document and record specific known locations of historic and cultural resources within the Park. Seek to increase documentation as a cooperative effort between lease descendants of He'eia and a State agency such as DSP or CHPD. Resurveying documentation should be used as guidance for any new physical planning within the Park. Identify an appropriate entity that has the capacity to be the repository of the cultural inventory.
- 1-3 Utilizing knowledge documented in Act 166-2-2, create with the guidance of He'eia NERR partners interpretive materials on site and visible to all to educate about the natural and cultural resources of the place. Include specific guidance on how to recreate in a way that supports park stewardship.
- 1-4 Evaluate on-site facilities management practices for near-term and long-term risk against health of the ohia's such as:
  - Invasive species removal and native habitat restoration
  - Feral cat management
  - Stormwater management best practices
  - Shoreline management that acknowledges sea level rise, rather than hardening with walls, sandbags, etc.
- 1-5 Evaluate facilities management practices to ensure that activities are consistent with the Kane'ohi Bay Master Plan to preserve and protect the unique natural resources of Kane'ohi Bay for the continued use and enjoyment of the general public and future generations.
- 1-6 Maintain park open to the public hours consistent with other parks in the Hawaii State Parks system, aiming for open hours 7 days per week.

**Recommendation 2: Integrate and coordinate existing plans toward development into He'eia NERR to support the Center of the Park.**

- 2-1 He'eia NERR, Kama'oiwa Care, and DSP meet on a regular basis and set forth an agenda and assignment of responsibilities toward shared use of the Park including, but not limited to the following:
  - Negotiate an adjustment to the existing lease held by Kama'oiwa Care for the purpose of use of some area within the Park for an interpretive center and/or Education Center. Explore all feasible mechanisms for use of the Park by the He'eia NERR (subdivision, sub-lease, re-negotiated lease terms) separate leases, etc.)
  - Form agreement on ecological stewardship responsibilities within the Park.
  - Evaluate feasibility of adjusting park hours to facilitate greater public access to the Park and park facilities for an Interpretive Center and community gatherings.
  - Provide periodic (monthly or quarterly) updates to the Kane'ohi and Kaha'iwi Neighborhood Deeds.
- 2-2 He'eia NERR and DSP create an outline of who is sought in an interpretive center for DSP to initiate conversations with NERR with respect to the Land and Water Conservation Fund (LWCF).
- 2-3 In consultation with lease or cultural descendants of He'eia, incorporate the following themes in to planning, design, and program implementation:
  - Hawaiian culture, values, including but not limited to ma'atua, haka, kuleana, 'i'iwi, 'ike, 'imi no'ono'ono and how they are embedded in the context of He'eia.
  - He'eia ohupua'a stewardship practices and lessons in Indigenous and local knowledge.
  - Kane'ohi's specific cultural and physical significance within the ohupua'a.
  - Lessons on ethics and protocols in the context of He'eia.
  - Connect educational, stewardship, and management activities to outdoor recreation.
  - Consider new or refinement of themes that emerge through updates of the Kane'ohi Bay Master Plan.
- 2-4 He'eia NERR and the National Oceanic and Atmospheric Administration (NOAA) determine what responsibilities/responsibilities will be placed on development, activities, or uses within the Park if Federal Funds from NOAA are used for NERR construction or activities. Share this information with DSP.

**Recommendation 3: Engage scientific and local knowledge with He'eia State Park and business firms.**

- 3-1 To further the He'eia NERR Management Plan objective to be the leading repository of information for scientific resources in the He'eia estuary, convene entities that operate within the Park to discuss any data previously developed and managed/stored in a dispersed manner (i.e. water quality data, vegetation transects, bird or fish counts, etc.) and the potential for He'eia NERR to be the long-term repository for said data.
- 3-2 He'eia NERR pursue research within the park that furthers the Reserve's scientific mission. When advantageous, work with entities who operate within the Park to explore research questions and/or potential available data, photos, etc. that could augment current He'eia NERR scientific research.

**Recommendation 4: Take steps toward He'eia NERR comprehensive identification of park stewardship within the Park.**

- 4-1 Collaborate with the He'eia NERR to ensure that the Kama'oiwa, old house sites, and the riparian corridor from the bridge to the shoreline is stewarded in a park manner that aligns with the values of the community.
- 4-2 Explore partnerships with entities operating within the Park to acquire and support stewardship activities, expanding programs to comprehensive inventory of park habitats and continue for the long term.
- 4-3 Continue and expand invasive species removal and native habitat restoration, including shoreline and riparian restoration, and active management of the land and population.
- 4-4 Collectively participate in an update to the 1992 Kane'ohi Bay Master Plan, consistent with the long-range planning recommendations of this plan.

**Figure 1:**  
Action Item  
Timeline  
He'eia State Park Long-Range Plan  
Hawaii Community Development Authority | Table of Contents  
PBR HAWAII & ASSOCIATES, INC.

# Ka'iwa Ridge (Lanikai Pillbox) Trail Improvements, Management Plan, Environmental Assessment, and Conservation District Use Permit Project, O'ahu


PBR HAWAII is assisting the DLNR, Division of Forestry and Wildlife Na Ala Hele Trails Program with a plan to make improvements to the Ka'iwa Ridge Trail (Lanikai Pillbox Trail).


The project involves developing a plan for physical improvements of the Ka'iwa Ridge Trail that reduces erosion and provides an improved hiker experience. The goal is to provide safer conditions while developing a management plan for the trail that: 1) upholds the right of public access to mauka lands; 2) is compliant with HRS Chapter 198D and HAR Title 13, Chapter 130; and 3) lays the groundwork for reduced community conflict.

Project tasks include: 1) better defining the legal trail corridor and trail management responsibilities; 2) a survey of existing natural and cultural resources; 3) identifying the points of community conflict; and 4) developing a plan for physical improvements and management.

PBR HAWAII is responsible for community engagement, trail drawings, and a comprehensive management plan. PBR HAWAII is working with a civil engineer/hydrologist to develop a physical plan for the trail that addresses chronic erosion. PBR HAWAII will also prepare an Environmental Assessment and Conservation District Use Application to ready the project for future design and construction.


## STORMWATER & EROSION CONTROL


[SUBMIT FEEDBACK HERE](#)  
Scan me



[LINK TO MORE INFO HERE](#)  
Scan me

**Trail Rerouting:** The trail corridor is limited to the loftwide legal easement granted by EO 360 I and by a neighboring easement along the Bluestone Condominium development. Efforts to re-route portions of the trail have begun with the cooperation between the State of Hawaii and the adjacent private property owners. These efforts have allowed for the improved implementation of the physical improvement options described below.


**Recommended Water Management:**



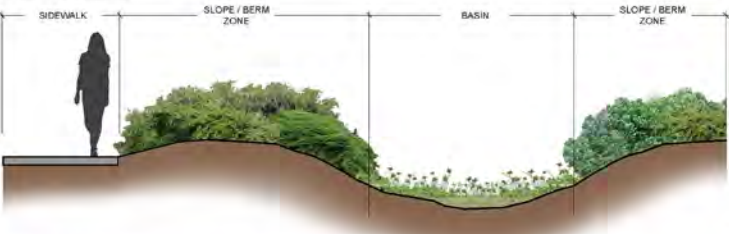
**Water Bars:** Commonly used on steeply sloped trails, water bars are essentially a channel angled across a trail to divert water runoff. Water bars should extend at least a foot from each side of a trail and should drain to rocks and vegetation to diffuse the energy of moving water and absorb runoff while filtering sediment.



**Coir Logs:** Coir logs are biodegradable rolls that consist of a thick mesh of coconut coir surrounded by an outer coir netting. This method is an environmentally friendly erosion control method that creates a natural control area and can establish vegetative growth while filtering sediment.





**Retaining Walls:** Retaining walls are used in trail building to provide strength to edges and to support slopes. For erosion control purposes, they can be used to reduce or step steep slopes. Construction is typically rock or logs. Drainage behind the wall is critical to ensure the structure is not undermined.




**Bioswales:** Depressions cut into the earth (swales) can be used to convey water, often in conjunction with berms. They may be used in conjunction with water bars to accept flow of stormwater or on their own as the ground contour allows. Like water bars, swales should outlet to appropriate grade, rocks, and vegetation to slow the movement of water and filter sediment. Swales can be planted to further dissipate water energy and sediment. Vegetated buffers can be further contoured and planted to help mimic natural processes for stormwater conveyance and bio-filtration of pollutants.

**Existing Conditions**

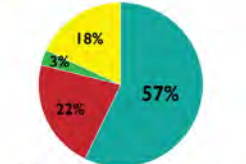
**Vegetated Stabilization:** Areas prone to erosion can be seeded or planted with vegetation and mulch. Examples of seeded stabilization are often seen alongside roadways or highway interchanges upon completion of construction. Vegetated stabilization is useful in areas where permanent vegetative cover is desired. Vegetated stabilization, if used, should be native mix and covered with a mulch so as to keep seed in place and to protect it from the drying effects of wind and sun. If out-plantings are used for soil stabilization, care should be taken to exclude invasive alien species with a preference for native plants.

**WHAT DO YOU FEEL IS THE MOST PRESSING ISSUE REGARDING THE TRAIL'S PHYSICAL CONDITION?**  
SOURCE: COMMENTARY MEETING #1, JANUARY 2018



Issue	Percentage
Erosion and Water Runoff	9%
Trash/Brush	7%
Unsafe Conditions for Hikers	9%
It is Not Marked	67%
Other	9%

**POTENTIAL SOURCES OF RUNOFF IN KAHOHOE WATERSHEDS**  
SOURCE: THE NATURE CONSERVANCY OF HAWAII, 2014



Source	Percentage
Pillbox Trail	18%
Shoreline Erosion	3%
Unimproved Sidewalks	57%
Hillslope Erosion	22%

## Hawai'i Ocean Resources Management Plan Update, State of Hawai'i

PBR HAWAII supported the State Office of Planning Coastal Zone Management Program (CZM) with an update Statewide Ocean Resource Management Plan (ORMP). The work involves statewide public and stakeholder information sharing sessions, incorporation of Traditional Ecological Knowledge (TEK), and enhanced graphics.

Updated every five years, the ORMP facilitates compliance with CZM objectives and policies by improving inter-agency collaboration across natural resources rather than jurisdictional boundaries. The goals for this update of the ORMP are to:

- Increase the plan's utility to state agencies, plan partners, and the community, recognizing the Plan's primary purpose is as a State Comprehensive Plan intended for use in inter-agency collaboration.
- Distill the number of focus areas to a few (1-3) that appear to be ripe for interagency collaboration for the greatest impact and unify future implementation efforts.
- Develop a project list that is focused and achievable.
- Integrate Traditional Ecological Knowledge (TEK) in the planning process, focus areas, and project list.
- Enhance readability of the document through streamlining and graphic enhancement.
- Capitalize on technology and one-on-one connections to reach a broad audience to capture and carry forward implementation.



# Complete Streets University/McCully/Metcalf, Kalihi and Ala Wai Boulevard, O'ahu

The City and County of Honolulu is working to implement Complete Streets through the City's existing roadway rehabilitation and repaving program.

PBR HAWAII is supporting Nelson\Nygaard through the public engagement process as they apply design overlays to enhance the roadways for all modes of transportation for upcoming roadway rehabilitation projects in the University/McCully streets, Kalihi neighborhood, and on Ala Wai Boulevard.

The public engagement strategy includes communications, education, stakeholder meetings and presentations, and means of collecting and documenting input. The strategy includes efforts to reach traditionally underserved groups, including low-income, minorities, and non-English speaking populations.

For the Kalihi and McCully-Mō'ili'ili Neighborhoods, the strategy will include working with established community partners to build upon (rather than compete with) the many on-going planning efforts in the area.

**THE PROCESS:** How will we get there?

**COMMUNITY ENGAGEMENT:** Your opinion matters!

**WHAT ARE COMPLETE STREETS?**

**UNIVERSITY/McCULLY**

**THE OPPORTUNITY**

**THE STUDY AREA: UNIVERSITY & McCULLY**

## Vision Zero Action Plan, O'ahu



The City & County of Honolulu Department of Transportation Services seeks to develop a wholistic approach to engaging traditionally underrepresented community groups and effectively collaborate with City decisionmakers. It focuses on deep community engagement to find solutions to pedestrian, bike, and public transit user safety with the goal of eliminating traffic deaths on O'ahu.

PBR HAWAII shall lead or support in collaboration with Papa Ola Lōkahi and Nelson\Nygaard throughout the development of the Honolulu Vision Zero Action Plan for the City and County of Honolulu.

# O'ahu Pedestrian Master Plan, O'ahu

As part of the City and County of Honolulu's Complete Streets Program, the Department of Transportation Services and their consultant Fehr & Peers is developing the County's first Pedestrian Plan.

The O'ahu Pedestrian Plan is expected to be a long-term action plan to create vibrant, safe, and accessible streetscapes. Grounded in data, over 1,000 roadway miles will be evaluated for their pedestrian conditions. PBR HAWAII is assisting Fehr & Peers with ground-truthing roadway conditions.

PBR HAWAII is further supporting this effort with community engagement to assist DTS in gaining the best possible understanding of the issues roadway users face and to inform recommendations that reflect community needs and character. Community engagement deliverables include on-line surveys; web and social media materials; project fact sheets; and a community meeting.

**WHO:** City and County of Honolulu, Department of Transportation Services, Complete Streets Program, their consultants, and the community. Community engagement is important to ensure that the City has the best possible understanding of the issues roadway users face and to develop recommendations that reflect community needs and character. Opportunities for community input and review will be provided and regularly updated on the Complete Streets website's O'ahu Pedestrian Plan page. <http://www.honolulu.gov/completestreets/pedplan>

**WHAT:** The O'ahu Pedestrian Plan is expected to be a long-term action plan to create vibrant, safe, and accessible streetscapes that serve as a model for the region. The Plan will begin with an island-wide inventory of existing roadway pedestrian facilities to document their conditions and functionality for all pedestrians. The inventory will be followed by technical recommendations for pedestrian improvement projects and programs that are consistent with the City and County of Honolulu's Complete Streets Ordinance.

**WHY:** A growing number of communities are discovering the value of their streets as important public spaces for many aspects of daily life. Crossing a street should be safe, convenient, and comfortable for pedestrians. The O'ahu Ped Plan uses these findings as a guide in making the pedestrian network:

- Improve safety
- Protect and promote accessibility and mobility for all
- Encourage opportunities for physical activity and recognize the health benefits of an active lifestyle.

**WHEN:**

JULY - AUG 2017 - FEBRUARY 2018 (Final Draft)

NOVEMBER 2017 - DECEMBER 2018 (Final Plan)

JANUARY 2018 - OCTOBER 2018 (Final Plan)

MAY - JULY 2018 (Project Consultant Design)

SEPT - NOV 2018 (Final Plan)

NOV - DEC 2018 (Final Plan)

**SAFETY**

- People walking are more than **2x** as likely to be struck by a vehicle in locations without sidewalks.<sup>1</sup>
- Between 2003 - 2012, **20.4%** of all traffic fatalities in Hawaii were pedestrian deaths.<sup>2</sup>
- Children and older adults are more vulnerable to traffic accidents.<sup>3</sup> **41.9%** of all pedestrian fatalities in the State of Hawaii between 2003 - 2010 were 65 years and older.<sup>4</sup>

**PUBLIC HEALTH**

- Obesity attributes approximately **1/4** of all health care costs<sup>5</sup> (health care expenditure is **\$7,299** per person in Hawaii!).<sup>6</sup>
- Physical activity can help prevent heart disease, obesity, high blood pressure, osteoporosis, depression, and Type 2 diabetes.<sup>7</sup>
- Walking boosts immune function. A study of over 1,000 men and women found that those who walked at least **20 mins.** at least 5 days a week, had **43% fewer** sick days than those who exercised once a week or less.<sup>8</sup>

**MOBILITY**

- Safer sidewalks help older adults and people with disabilities. In 2012, **1 in 5** Americans had a disability.<sup>9</sup>
- Residents are **65%** more likely to walk in a neighborhood with sidewalks.<sup>10</sup>
- By 2030, **1 in 5** Americans will be over age 65.<sup>11</sup>
- Bus transit trips begin and end with pedestrians. Better connectivity will encourage greater transit use.<sup>12</sup>

**CONTACT:**  
 Tetra Tech: Cesar Leon and Christian Ferguson  
 PBR HAWAII: Katie Cullison, Sunny Rosario, and Ramsay Taum  
 www.honolulu.gov/completestreets/pedplan



## DOH Integrated Solid Waste Management Plan Update, Statewide

The State of Hawai'i Department of Health Hazardous and Solid Waste Branch have contracted with TetraTech and PBR HAWAII to update the State Integrated Solid Waste Management Plan. PBR HAWAII's role is focused on the organizing, convening, and managing a statewide Task Force to help inform the Plan's development. The Task Force meetings (in process at the time of this writing) will cover such topics as long standing waste streams such as tires and organics as well as emerging issues such as waste from photovoltaic panels. Task Force meetings are subject to Hawai'i's open meeting law, or "Sunshine Law" and the PBR team is responsible to meet these requirements while running in-person/virtual hybrid meetings.

**TETRA TECH**  
**PBR HAWAII**

**Integrated Solid Waste Management Plan Update: Tire Waste**

State of Hawai'i Solid and Hazardous Waste Branch (SHWB)  
 Office of Solid Waste Management (OSWM): Lana Otsu and Michael Burke

Tetra Tech: Cesar Leon and Christian Ferguson  
 PBR HAWAII: Katie Cullison, Sunny Rosario, and Ramsay Taum

May 25, 2023

Leading with Science®

# Ala Wai Canal Bridge Alternatives Analysis, O'ahu

PBR HAWAII provided planning and community engagement services to Nelson\Nygaard transportation consultants on a City and County of Honolulu Department of Transportation Services (DTS) project to identify, develop, and evaluate alternatives for additional access across the Ala Wai Canal. The Alternatives Analysis (conducted by Nelson\Nygaard) assessed options for new transportation infrastructure, including a pedestrian/bicycle bridge over the Ala Wai Canal that will provide an additional connection between the Waikīkī, Ala Moana, and McCully/Mō'ili'ili neighborhoods.

PBR HAWAII's primary tasks included community engagement and preliminary environmental documentation to support the analysis process and set a foundation for future phases of the design development. Community engagement tasks included: 1) supporting DTS with briefings to stakeholders such as community groups, funding agencies, educational institutions and elected officials; 2) organizing and staffing informational "pop-ups" for the general public; 3) organizing and facilitating public meetings to involve the public in consideration of alternatives; and 4) preparing supporting materials such as fact sheets, web content, social media posts, electronic presentations, and posters. As part of the community engagement work, unique community engagement partnerships were formed. PBR HAWAII staff presented the Ala Pono project and conducted a site visit with Jefferson Elementary students as part of their STEM curriculum. PBR HAWAII staff also used the alternatives analysis as a vehicle for a site planning class at UH Mānoa. The final public meeting to share outcomes of the analysis included boards prepared by the elementary students, with the aspiring engineers on hand to share their work with the public.

Preliminary environmental documentation tasks include conducting pre-assessment consultation consistent with Chapter 343, Hawai'i Revised Statutes, development of a report of potential impacts and mitigation measures for the alternatives, and identification of local, state, and federal permits required for regulatory clearance.

ALA PONO COMMUNITY MEETING #3  
APRIL 4, 2019  
ATTACHMENTS TO DRAFT MEETING SUMMARY

**ALA PONO**  
an Ala Wai crossing

Of the 38,000 communities in the Ala Wai region, 18% are within a reasonable walking and biking distance.

The purpose of the Ala Wai Canal Bridge Alternatives Analysis is to identify, develop, and evaluate alternatives whether and how to provide additional access over the Ala Wai Canal that will provide a connection between the Waikīkī, Ala Moana, and McCully/Mō'ili'ili neighborhoods. Alternatives that will be considered in the analysis include a road bridge, a pedestrian, bicycle, and emergency response, modifications or enhancements to one or more of the existing bridges, and consolidation of the bridge.

**REDUCE CAR BIKE COLLISIONS**  
Reduce crossing grade  
Improve lighting and signage  
Improve ADA compliance

**BENEFIT COMMUNITIES**  
Improve ADA compliance  
Improve lighting and signage  
Improve ADA compliance

**SHORTEN TRAVEL DISTANCES**  
Improve ADA compliance  
Improve lighting and signage  
Improve ADA compliance

**ADDITIONAL ACCESS**  
Improve ADA compliance  
Improve lighting and signage  
Improve ADA compliance



**PROJECT GOALS**

- CONNECTIVITY, TIME SAVINGS, & ACCESSIBILITY**
  - Improve connectivity to existing transit and other modes of transportation
  - Improve time savings and accessibility for all users
  - Improve ADA compliance
- BETTER PUBLIC HEALTH**
  - Improve public health and safety
  - Improve ADA compliance
- EQUALITY, SUSTAINABILITY, AND RESILIENCE**
  - Improve equity and sustainability
  - Improve resilience
- ENHANCE ECONOMIC DEVELOPMENT**
  - Improve economic development
  - Improve ADA compliance
- ENHANCE EMERGENCY ACCESS**
  - Improve emergency access
  - Improve ADA compliance

**PROJECT TIMELINE**

2017: Project Initiation, Feasibility Study, Preliminary Design

2018: Final Design, Construction Start

2019: Construction Complete, Project Handover

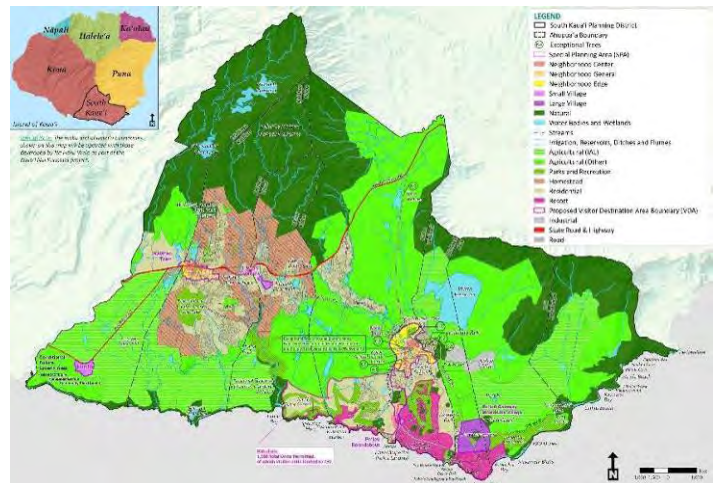


## South Kaua'i Community Plan, Kaua'i

PBR HAWAII worked closely with the County of Kaua'i Planning Department to update the South Kaua'i Community Plan (SKCP), which had not been updated since its enactment in 1978. The SKCP is the County's guiding document for the long-range growth and development of the southern sector of the island. Adopted by the County Council and signed into law by the Mayor in July 2015, it won two American Planning Association Hawai'i Chapter Awards later that year for Outstanding Planning and Best Practice.

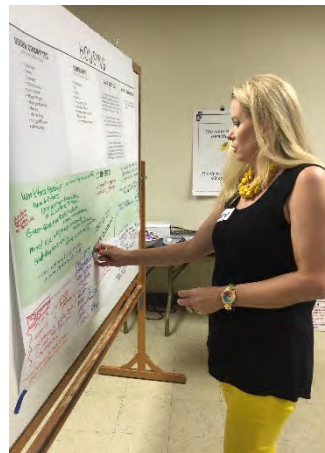
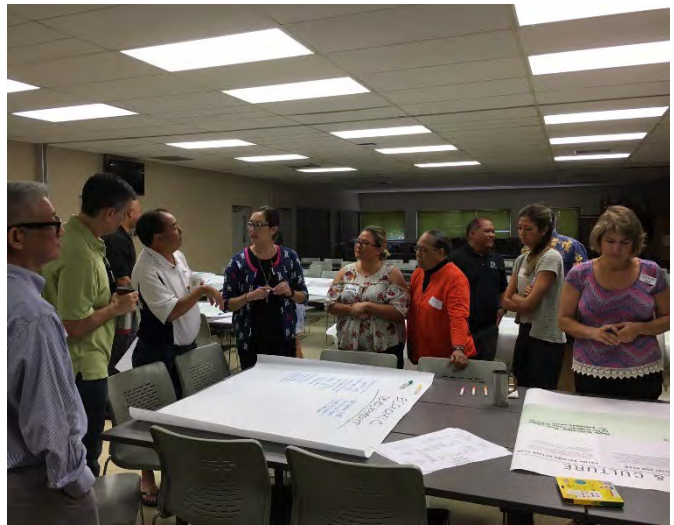
Guided by extensive community outreach and a Mayor-appointed Citizen Advisory Committee, PBR HAWAII developed the plan to integrate projected population growth for the district with land use recommendations and a multimodal transportation network which prioritizes pedestrian, bicycle, and transit use to preserve South Kaua'i's rural two-lane roadways and lifestyle. Community surveys, workshops, charrettes, social media campaigns, a project website, and walk audits were used to inform alternative solutions for South Kaua'i's historic towns.

The SKCP also includes an innovative form-based code developed in partnership with Opticos Design, Inc. It is applied only in key town core locations and is calibrated to the existing communities to encourage future development that is in tune with its surroundings and best fulfills the community's vision for future growth. The SKCP identifies cultural, natural, and historic resources for protection as well as plans for climate change and natural and coastal hazards, social and economic change, infrastructure requirements, and parks and recreational needs. The SKCP concludes with a chapter on implementation and monitoring and an action plan for County agencies. Indicators are identified to help monitor the effectiveness of plan implementation over time. Cost estimates and financing and funding alternatives also provide the County with actionable items to include in their capital improvement budgets.



## 21st Century Kalihi Transformation Initiative Vision Plan, O'ahu

The 21st Century Kalihi Transformation Initiative Vision Plan was introduced in August 2016 by Governor David Ige and the State Office of Planning (OP) to produce a vision concept that reimagines the future of Kalihi in the event the O'ahu Community Correctional Center (OCCC) is relocated or replaced. The purpose of this effort was to: 1) understand community needs, concerns, and desires for the site and surrounding area; 2) explore how the site's redevelopment might transform surrounding social, physical, and economic conditions; and 3) articulate a vision informed and inspired by community aspirations that would serve as a catalyst for a preferred future for Kalihi in the 21st Century and other State-controlled properties in Kalihi. For this project PBR HAWAII prepared a vision report, synthesizing the ideas that emerged from a series of community meetings and several workshops with a Vision Committee comprised of area business leaders, community and social service providers, legislators, and landowners.



## Mayor Wright Homes Redevelopment, O'ahu

PBR HAWAII was the prime planning consultant for the Mayor Wright Homes (MWH) Redevelopment project. The project included: 1) redevelopment of the 15-acre property into a new mixed-income, mixed-use transit-oriented (TOD) community, mixed-finance neighborhood; 2) one-for-one replacement of the existing 364 public housing units with additional affordable/workforce and market rate housing. PBR HAWAII was responsible for: 1) developing and implementing the community engagement process; 2) coordinating the master planning process; 3) preparing and processing State and Federal environmental review documents; and 4) securing the entitlements for the project.



A key element of the planning effort is development and implementation of a robust community engagement process. In engaging the community, PBR HAWAII worked with the development and consultant team in identifying key representatives from Mayor Wright Homes and the surrounding community to serve on a Community Advisory Committee. (CAC). The CAC's task is to provide input and guide the community engagement process. Other community engagement techniques included stakeholder meetings (with community leaders, residents, business owners and service providers); resident meetings held at MWH; community meetings; and a weeklong charrette held onsite at MWH. The planning team also met with legislators, City Councilmembers, and governmental agencies to receive input and for coordination on the project.



The community engagement process deeply informed PBR HAWAII's coordination efforts around Mayor Wright Homes Preliminary Redevelopment Master Plan. The Draft Master Plan was developed during this week-long workshop was presented to the community on the last day of the charrette. The Master Plan included: site history, planning and regulatory context for the site; information from preliminary studies; the community-based vision and master plan; a conceptual landscape design; design guidelines; and a social capital plan.

PBR HAWAII prepared and processed an Environmental Impact Statement (EIS) for the MWH Redevelopment pursuant to Chapter 343, Hawai'i Revised Statutes (HRS) based on the use of State funds and State lands. Governor David Ige accepted the Final Environmental Impact Statement on April 24, 2018, with publication of the acceptance in the May 8, 2018 edition of The Environmental Notice. PBR HAWAII also prepared an Environmental Assessment (EA) for the project in compliance with the National Environmental Policy Act (NEPA) of 1969, as amended (42 U.S. Code 4321 et seq.) using HUD's online HEROS system. The Request for Release of Funds will be submitted to HUD when project proponents are ready.



## Liliha Civic Center Master Plan & Iwilei Infrastructure Master Plan, O'ahu

PBR HAWAII is providing master planning services for the Liliha Civic Center and greater Iwilei area. The plan will provide space for State programs and affordable housing and support walkable Transit-Oriented Development (TOD) communities in the Iwilei area. As part of the planning process PBR HAWAII completed market studies for affordable housing at the site, and together with its subconsultants, is identifying infrastructure improvements needed to support future development. The master plan for the Liliha Civic Center site may include up to 600 housing units, offices for State workers, ground-level commercial/retail, outdoor space, and connection to the future HART rail station. This unique site also features two historic O'ahu Railway and Land Company buildings. PBR HAWAII is also preparing and processing a programmatic EIS to support the master planning efforts.



## Board of Water Supply Nu‘uanu Reservoir Hydroelectric and Managed Aquifer Recharge Project, O‘ahu

PBR HAWAII is assisting prime consultant CDM Smith with the Board of Water Supply Nu‘uanu Reservoir Hydroelectric and Managed Aquifer Recharge Project. This project involves connecting reservoirs in the Nu‘uanu Valley to: 1) generate renewable hydroelectric energy; 2) provide energy storage to help meet peak energy demands; and 3) supplement groundwater supplies through the increase of groundwater recharge of captured stormwater. The project will: 1) help Hawai‘i meet renewable energy and water sustainability goals; and 2) increase dam safety and flood control at two Nu‘uanu reservoirs.

As a sub-subconsultant to CDM Smith, PBR HAWAII’s role includes: 1) agency and public outreach, including public meetings; 2) coordination and management of subconsultants conducting archeological, biological, and traffic management studies; and 3) preparing and processing an environmental assessment in compliance with Chapter 343, Hawai‘i Revised Statutes (HRS).



## Board of Water Supply Hālau Wai Mānoa (Mānoa Learning Center) HRS 343 EA, O‘ahu

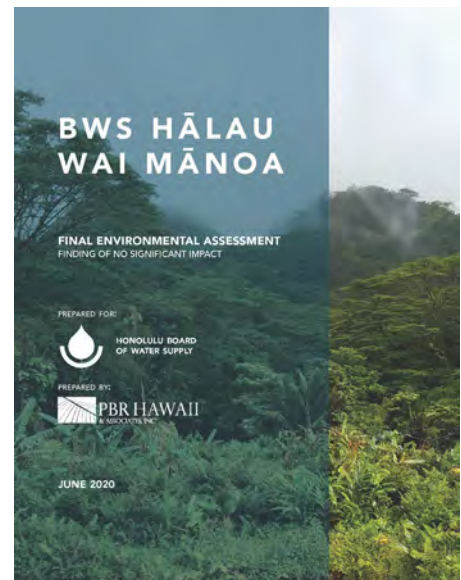
The Honolulu Board of Water Supply (BWS) is exploring the possibility of creating a place-based, hands-on learning area to promote the goals of forest restoration, watershed protection, water conservation, and sustainable agriculture.

The BWS Hālau Wai Mānoa would provide an alternative outdoor learning facility for members of the public to learn about watersheds, forest health and watershed protection, water conservation, and sustainable resource management practices. Also, from this location, BWS would provide community volunteer opportunities/workdays for watershed restoration and sustainable agriculture.

The proposed learning center is conceptualized as:

- An education center for place-based education programs for schools (e.g., a hale/open-air structure for gathering out of the elements);
- A place for hands-on opportunities to learn about watershed protection, sustainable agriculture/living (e.g., establishing and working on lo‘i, gardening/practicing regenerative agricultural methods to grow own food/materials); and
- A base for mauka restoration efforts in Mānoa (e.g., removal of invasive species including ungulate control, forest restoration with site appropriate native species, erosion control/soil stabilization to reduce polluted runoff and sediment loading of the streams).

PBR HAWAII completed an HRS 343 Final EA/FONSI to consider the impacts of the proposed action on the human and natural environment.



## Waimea District/Regional Park, Hawai'i

PBR HAWAII assisted the County of Hawai'i Department of Parks and Recreation in the planning the Waimea District/Regional Park in Waimea, South Kōhala district and was responsible for: 1) conducting background research and analysis; 2) conducting community outreach services; 3) developing the Master Plan; and 4) preparing an environmental assessment

The first phase of the park (28 acres) was completed in 2016 and serves as district park. In the second phase, an additional 22+ acres will expand the district park into a regional park. The completed 50-acre park will offer diversified types of recreational activities including active play areas such as fields for soccer, baseball, and football; a community gymnasium; a multi-purpose community building; a multi-use walkway and trail system; and passive recreational areas.

The Waimea District/Regional Park addressed the deficiency of athletic and recreational opportunities for Waimea residents and other surrounding communities and provides a larger community gathering area to address existing and future demand.

The County of Hawai'i Department of Parks and Recreation and PBR HAWAII received the 2014 American Planning Association, Community-Based Planning Award for this project.



# Hā'ena State Park Master Plan and EIS, Kaua'i

Building on years of previous park planning efforts, PBR HAWAII worked with State Parks and the Hā'ena community to develop a park master plan that focuses on the importance of Hā'ena in Hawaiian culture and prioritizes the protection, rehabilitation, and restoration of the park's varied historic, cultural, and natural resources such as the extensive Hā'ena Agricultural Complex, the sand dunes and reefs, and the ancient Hula Complex encompassing Ka Ulu a Paoa Heiau and Ke Ahu a Laka.

The proposed improvements were minimal including a new entry path through the restored lo'i connecting a permeably-paved parking lot to Kē'ē Beach, directing visitors away from rockfall hazards along the highway, new restrooms, and the implementation of a new visitor limit, shuttle access, ongoing support from community and cultural advisory groups, and an online reservation system.

PBR HAWAII completed the master plan and Final EIS in 2018 and the result has been a highly improved experience where visitors are emersed in the restored cultural landscape and local residents feel welcome at the park again. The plan is being heralded as an example to help manage other cherished parks that are often overrun by visitors and has won several awards including:

- 2020 American Planning Association, Hawai'i Chapter Outstanding Planning Award
- 2021 American Society of Landscape Architects, Hawai'i Chapter Honor Award – Planning & Analysis
- 2021 Historic Hawai'i Foundation Historic Preservation Programmatic Award.



# Transit-Oriented Development (TOD) Educational Outreach, O'ahu (Facilitation/Mixed-Use)

The City and County of Honolulu Department of Planning and Permitting (DPP) engaged the expertise of PBR HAWAII to assist with public education and outreach to proactively spread awareness of transit-oriented development (TOD) concepts such as creating walkable urban places around Honolulu's planned rail stations. DPP's goals for this outreach effort included: 1) increasing the public's general knowledge about TOD; and 2) broadening the population that was participating in the neighborhood TOD planning processes.

To raise public awareness of TOD PBR HAWAII worked with DPP to prepare a community outreach plan with clearly prioritized activities that were diverse and wide reaching but that could be executed as part of a coherent and consistent strategy. Elements of the plan included: 1) branding, including creating a logo and a tagline; 2) launching and managing a website; 3) creating a social media campaign; 4) producing videos and creating a YouTube channel; 5) assisting the City with organizing public events; 6) creating engaging and easy-to-read brochures; 7) supporting City efforts in conducting scientific surveys; 8) assisting with media outreach; and 9) conducting instant polling at public events.

## TOD - Brochure

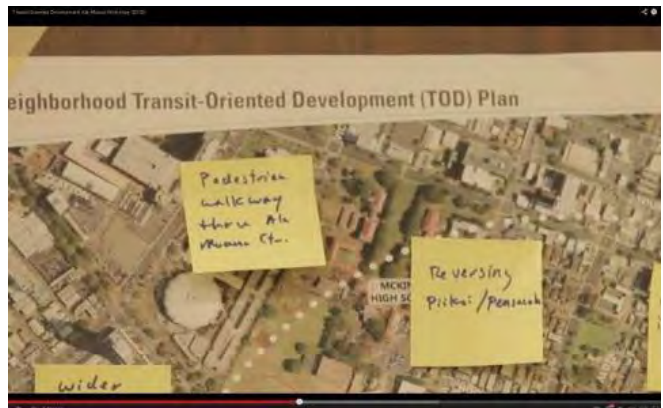


# TOD - Website



# TOD - YouTube Channel Commercial

<http://www.youtube.com/user/TODHawaii>



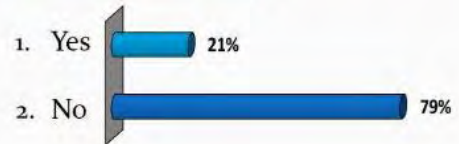
# TOD - Community Polling

## Using the system is very easy...

- We will display questions.
- In response, simply press the number of your choice on the keypad.
- If you change your mind vote again. The system remembers only your last vote.

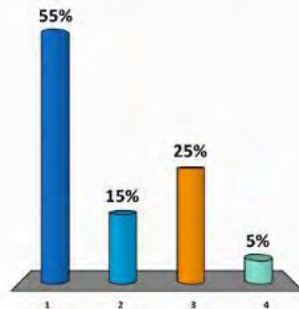


## Did you participate in the Great Aloha Run yesterday?



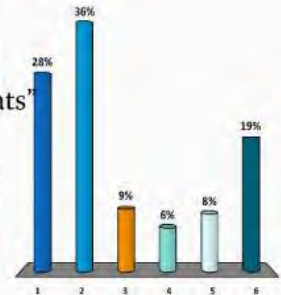
## How did you get here tonight?

1. Car
2. Bus
3. Walk
4. Bike



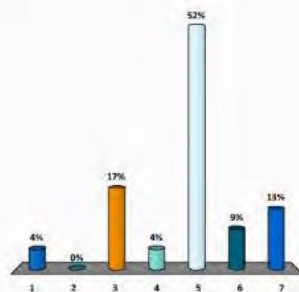
## Choose your top 3 favorite neighborhood destinations:

1. Ala Moana Park
2. Ala Moana Center
3. Keeaumoku "cheap eats"
4. Walmart
5. Area bars/nightclubs
6. Don Quijote



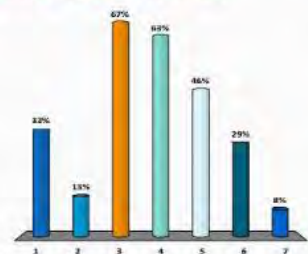
## How did you hear about tonight's workshop?

1. TV
2. Newspaper
3. Mail flyer
4. Twitter
5. Email
6. Word of mouth
7. Other



## For what purpose(s) do you regularly spend time in the Ala Moana Neighborhood?

1. I live here
2. I work here
3. I shop here
4. I dine/drink here
5. I play here
6. I sit in traffic here
7. N/A - I don't spend time here



# Transit-Oriented Development Conceptual Master Plans for Kapālama and Moanalua Kai (Shafter Flats), O’ahu

The State of Hawai‘i, Department of Hawaiian Home Lands retained PBR HAWAII to assist in the preparation of conceptual master plans for Transit-Oriented Development (TOD) for DHHL properties in Kapālama and Moanalua Kai/Shafter Flats. The master plan process included: 1) site assessments, market studies, and preliminary financial assessments to identify the context and opportunities for potential TOD development and 2) a week-long charrette with representatives from DHHL. The project goal was to assist DHHL in determining the feasibility of potential development scenarios and land uses that can help the agency capitalize on the advantages of TOD and its related benefits, within the context of the agency’s mission, values, and land use regulations.

A major focus of the site assessments was to analyze the impacts that various sea level rise scenarios may have on long-term development opportunities and financial investments on the properties due to the proximity to waterways, low existing elevations, existing flooding in the Moanalua Kai area, and exposure to sea level rise conditions.

Multiple sea level rise scenarios were considered to identify uncertainties of timing and magnitude of impacts to the properties. Scenarios included: 1) maintaining existing facilities and providing lease extensions (limited reinvestment on the properties) 2) complete redevelopment of facilities including mitigation strategies (major investment on the properties) and 3) phased redevelopment of the properties that allows flexibility in decision making based on changing sea level rise conditions over time (flexible adaptation approach). The scenario analysis identified costs associated with various strategies, and opportunities for income generation to inform suggested TOD development on the properties.

The sea level rise projection graphic below represents sea level rise scenarios and anticipated building life spans based on the magnitude of sea level rise, development approach, and implementation of mitigation strategies. Overall, this approach allowed DHHL to comprehensively consider the potential magnitude of investment against uncertain futures of sea level rise to better understand opportunities for return on investment and associated limitations.



Moanalua Kai



Kapālama

# Statewide Comprehensive Outdoor Recreation Plan 2021 Update



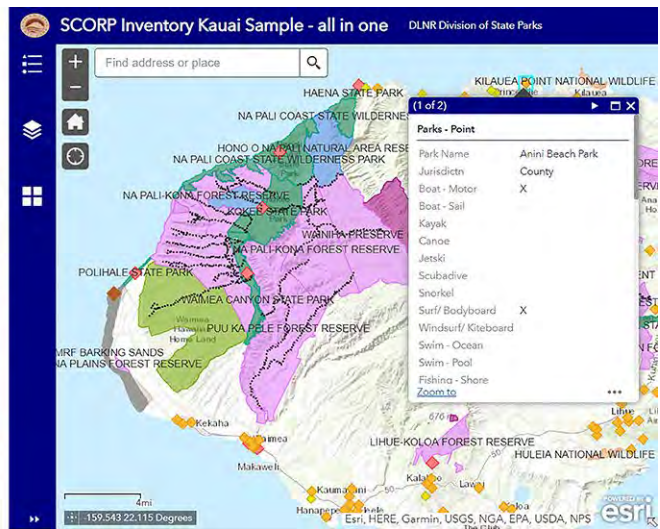
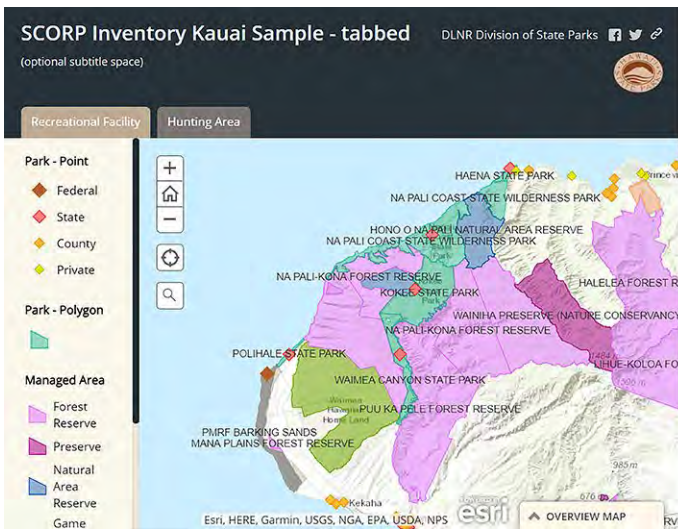
The Department of Land and Natural Resources State Parks Division selected PBR HAWAII to prepare the 2021 State of Hawai'i Statewide Comprehensive Outdoor Recreation Plan (SCORP). Generally, SCORP updates are done approximately every five years and PBR HAWAII also prepared the 2015, 2008, and 2003 updates.

As a technical reference, the SCORP report, maps and associated data are intended to guide federal, state, county, and private agencies in the planning, development, and management of Hawai'i's outdoor recreation resources. The 2015 SCORP update focused on identifying and addressing the shifting trends and challenges related to outdoor recreation including maintenance backlogs, user conflicts, and the effects of sea level rise.

The SCORP also includes the State Wetland Resource Plan which draws connections between recreation and wetlands while ensuring consistency between Hawai'i's recreation planning process and the National Wetlands Priority Conservation Plan.

For the 2015 update, in response to a reduced budget and the population's growing use of technology for communications, PBR HAWAII collected public comments using a suite of web-based services that allowed the public to participate in on-line surveys as well as in-person public meetings. The on-line surveys facilitated a higher public participation rate than in prior editions of the SCORP.

The 2021 update is the eleventh update of the State Comprehensive Outdoor Recreation Plan, which was first prepared by the State in 1966. The federal Land and Water Conservation Fund (LWCF) Act of 1965, requires the preparation of a SCORP document from each state prior to consideration by the Secretary of the Interior for financial assistance. Since the inception of the program, the State of Hawai'i and the four counties have received more than \$36 million in federal grants for outdoor recreation acquisition and development projects.



# Hawai'i National Estuarine Research Reserve Site Selection, Statewide

PBR HAWAII provided planning project support to the Hawai'i Office of Planning, Coastal Zone Management Program's (CZM) site selection process for a National Estuarine Research Reserve (NERR).

The National Estuarine Research Reserve (NERR) System is a network of 28 areas representing different biogeographic regions of the United States that are protected for long-term research, water-quality monitoring, education and coastal stewardship. The NERR System is a partnership program between the National Oceanic and Atmospheric Administration (NOAA) and the coastal states.

PBR HAWAII's role in the site selection process included, working with CZM staff to develop site selection criteria; convening and facilitating site evaluation and selection committees; soliciting proposals from the public for potential sites; providing a preliminary evaluation of the site proposals; preparing a suite of GIS maps to accompany proposals for evaluation; and, supporting the Site Evaluation Committee in narrowing proposals to a short list of potential sites.

## TOD Wayfinding Master Plan (212), O'ahu

The City and County of Honolulu Department of Planning and Permitting (DPP) Transit Oriented Development (TOD) Group retained Two Twelve and PBR HAWAII to develop a wayfinding and digital media strategy to create a seamless and consistent navigation system to be implemented across all TOD neighborhoods. PBR HAWAII supported Two Twelve in the TOD Wayfinding Master Plan efforts through gathering relevant project materials and information; highlighting challenges and opportunities; supporting and participating in development of design schemes and pilot programming; presenting to agencies and stakeholders; reviewing and revising design development; and co-leading community member and stakeholder workshops/meetings and sharing finding from these efforts.

